OEC UroView® 2800 Table/Generator Functional Block Diagrams

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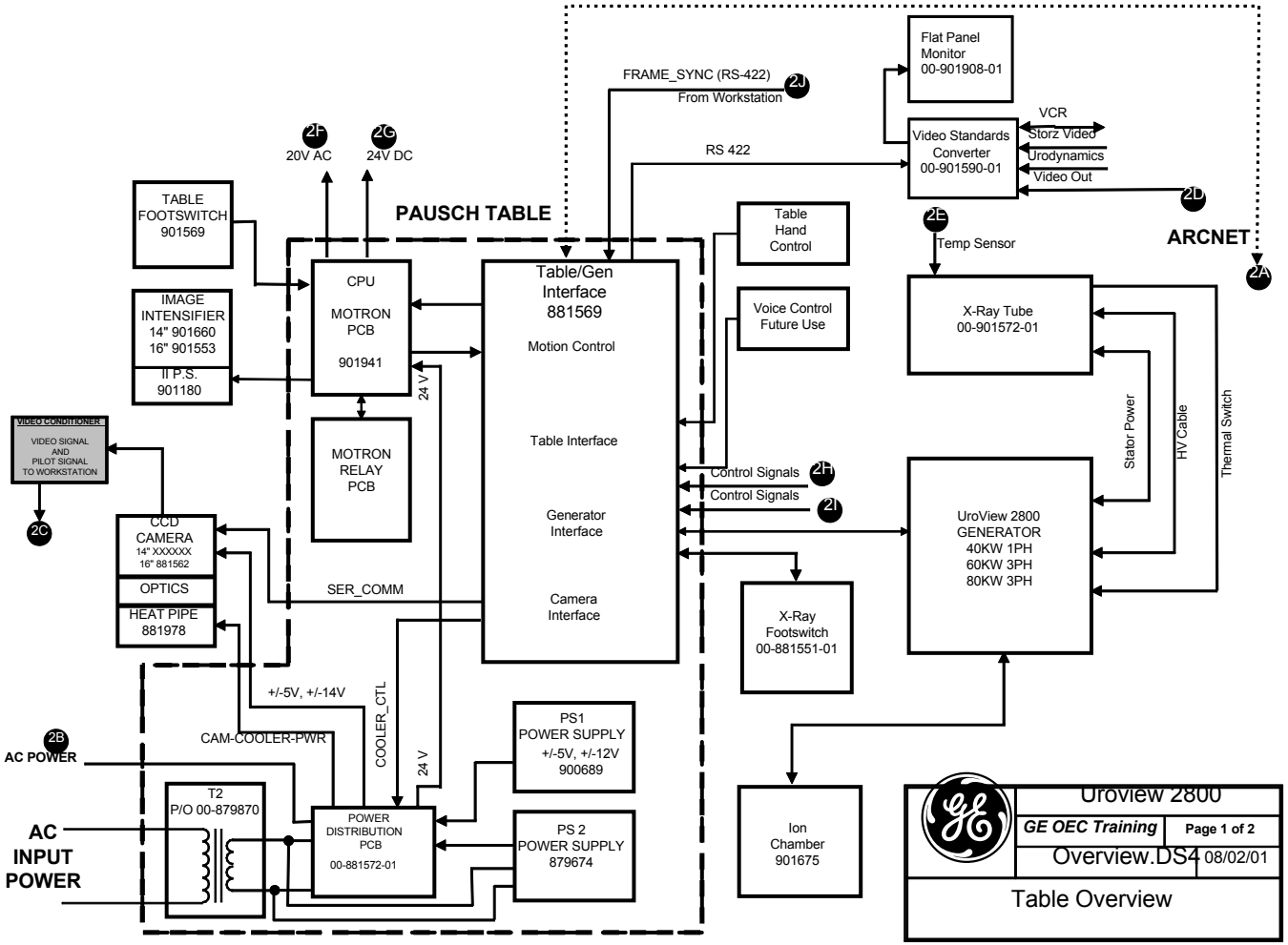


Table Overview

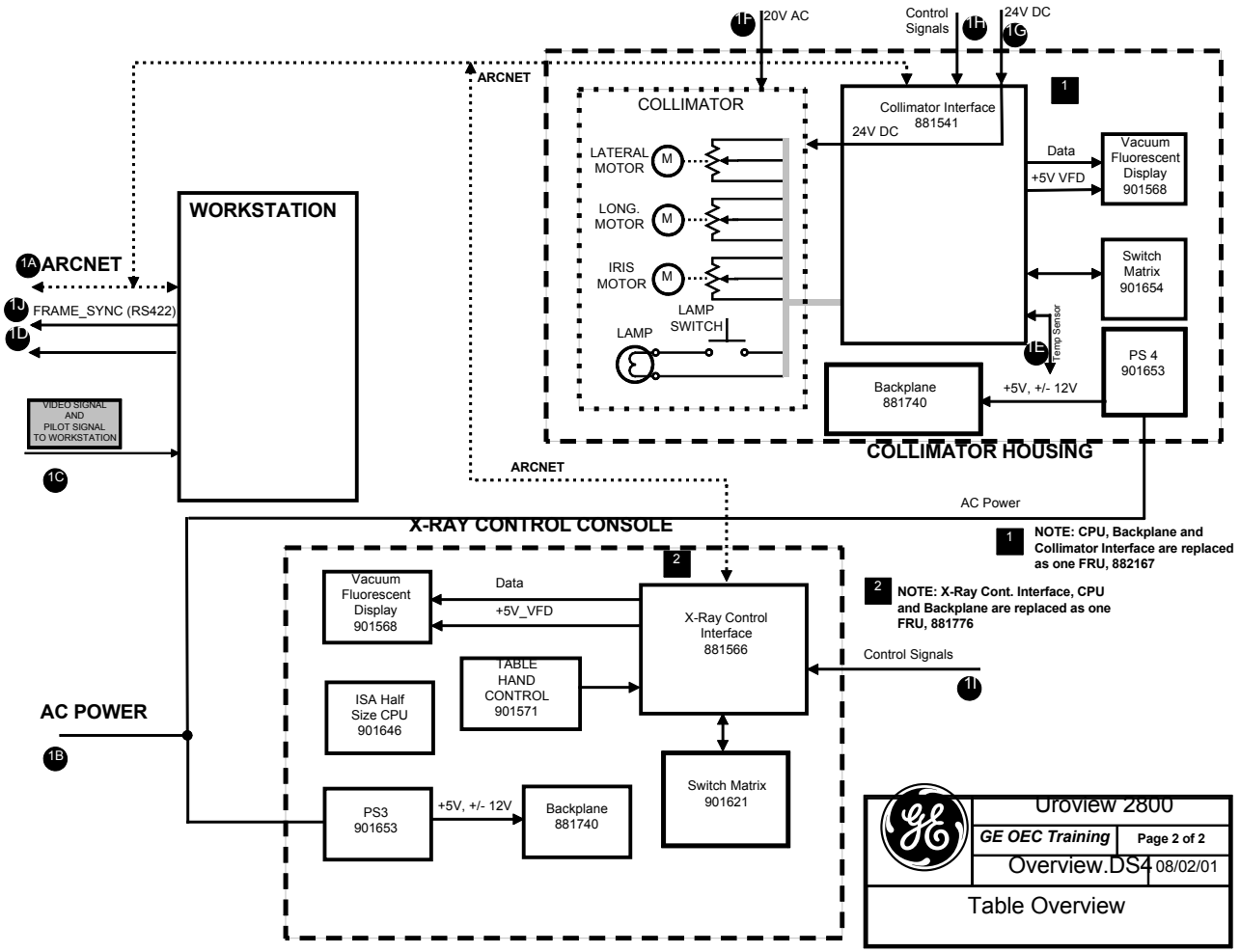
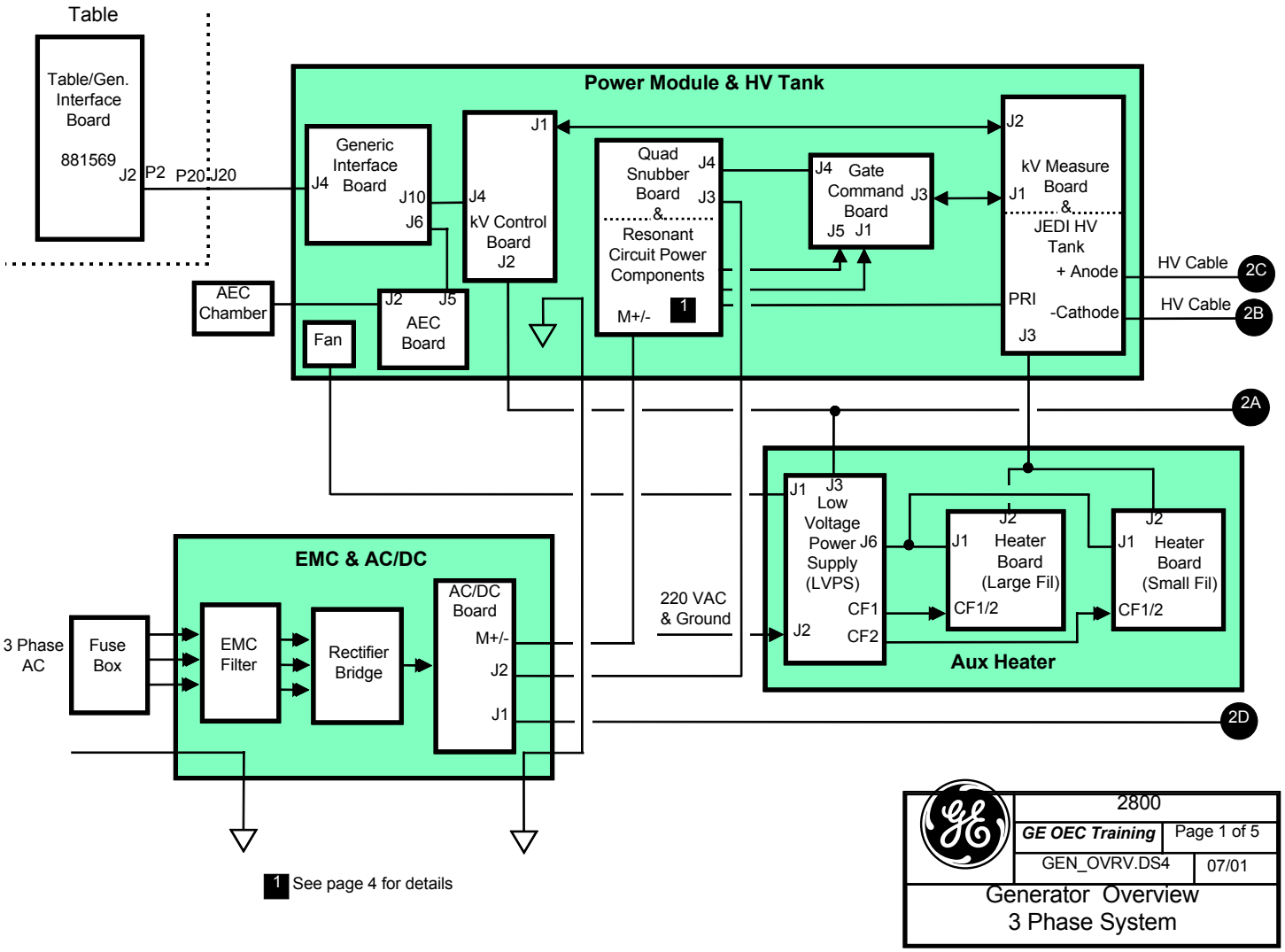
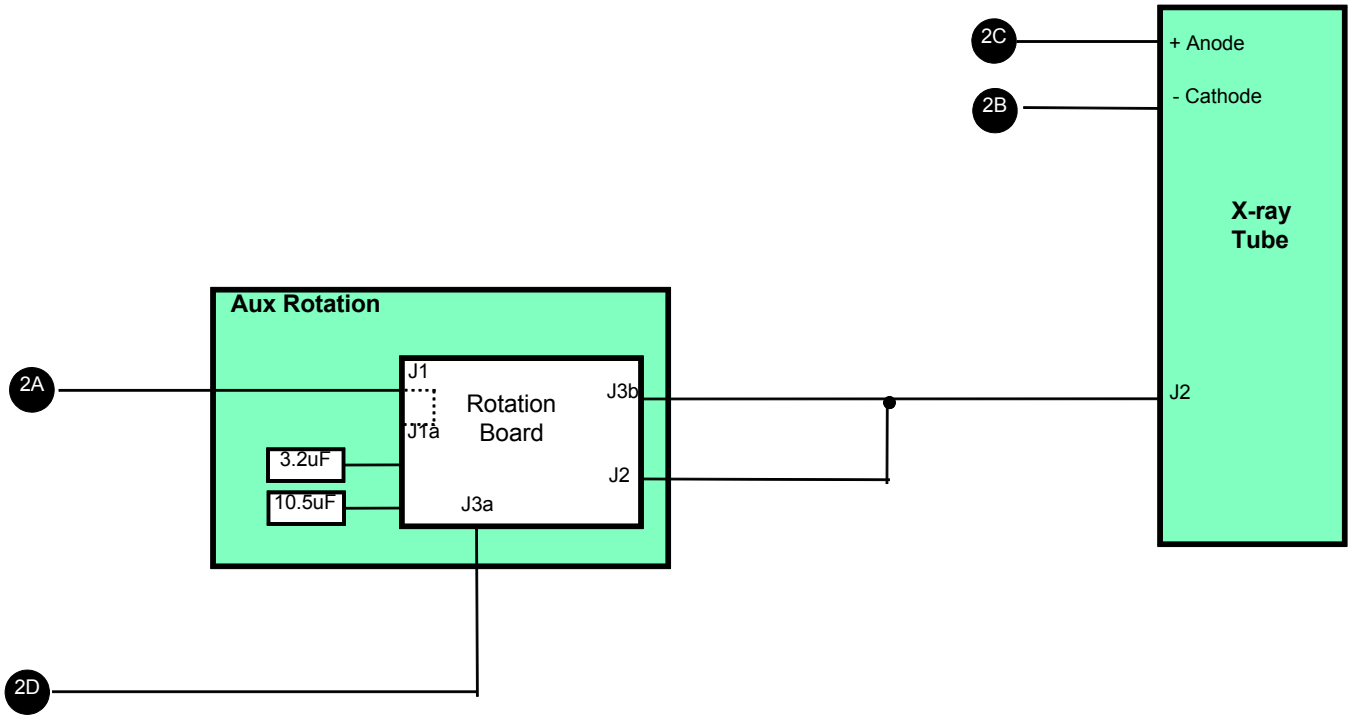


Table Overview



Generator Overview – 3 Phase System



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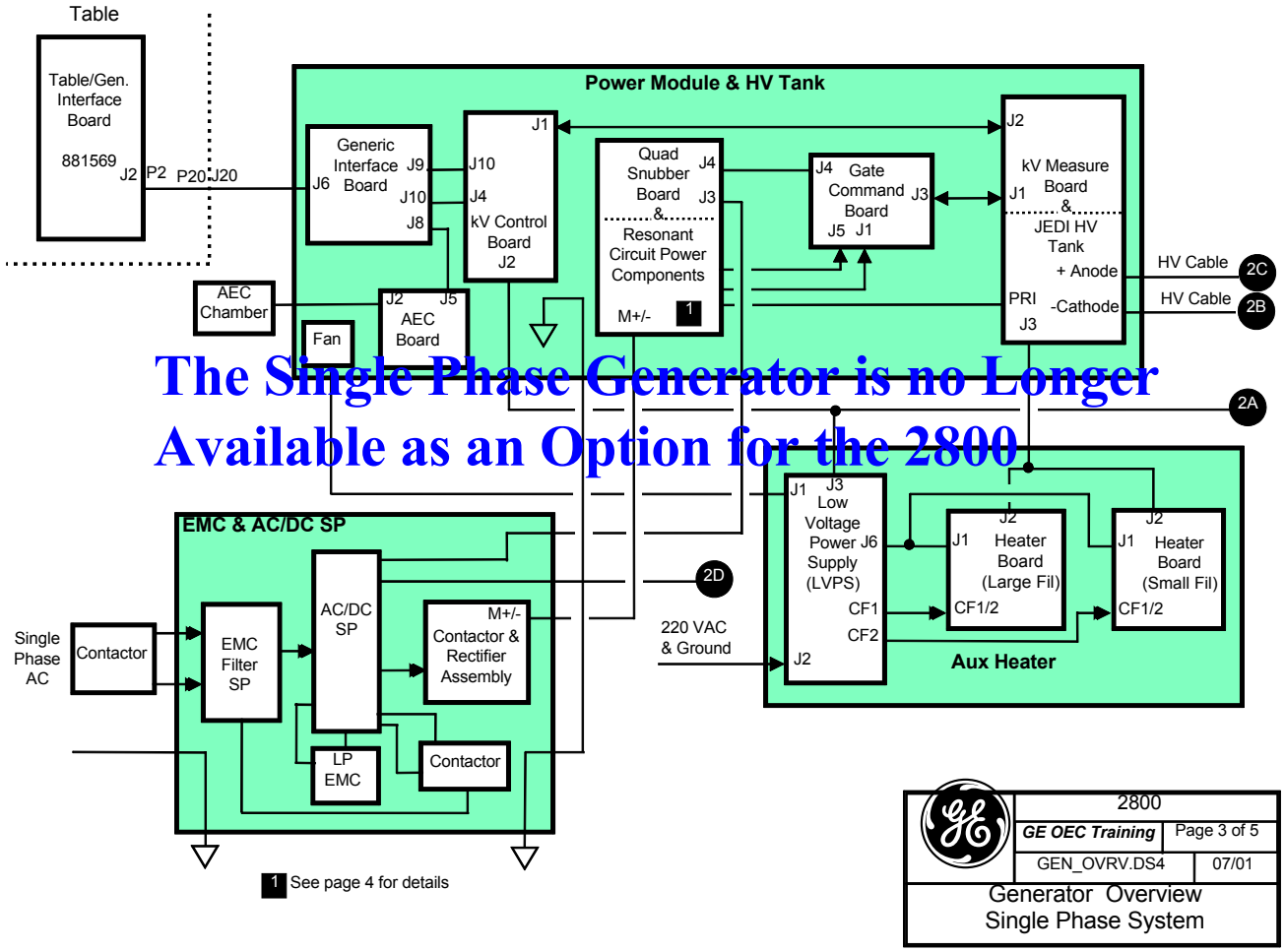
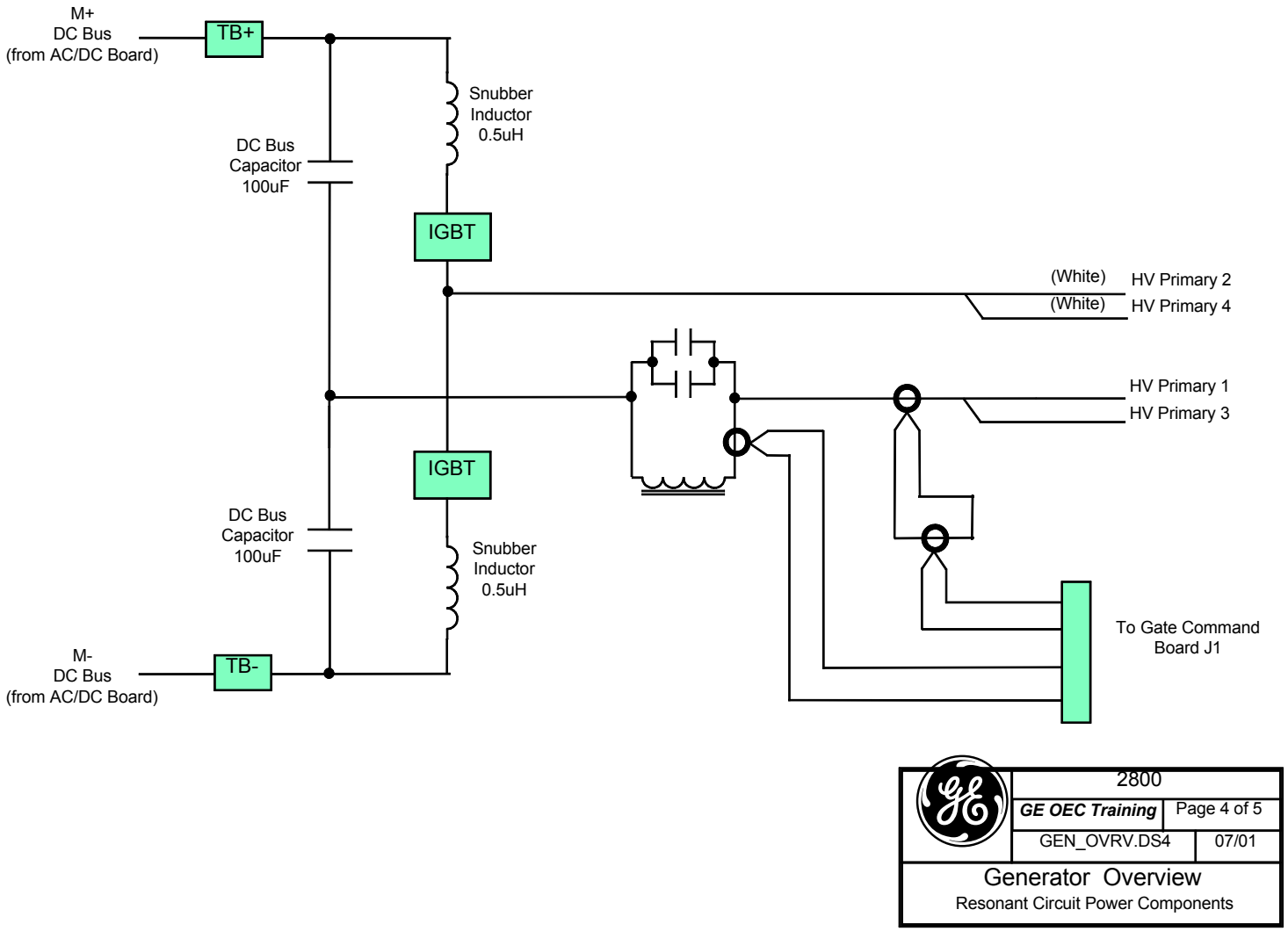
Generator Overview X-ray Tube & Rotation		

Generator Overview – X-Ray Tube & Rotation

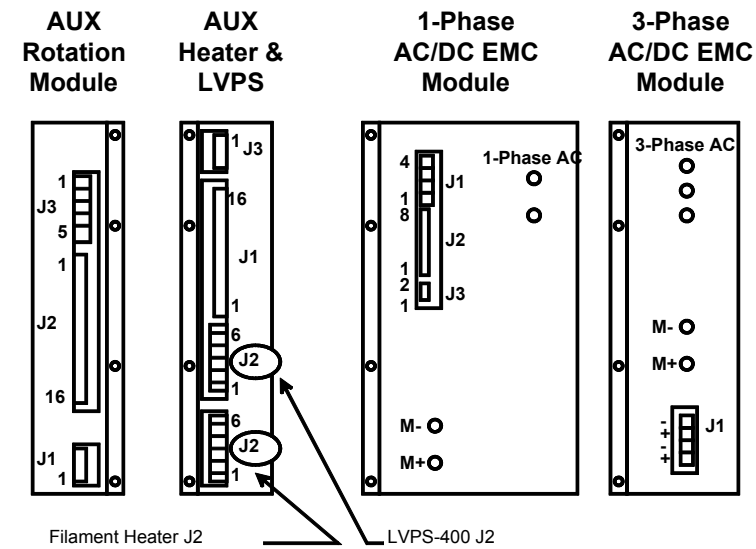


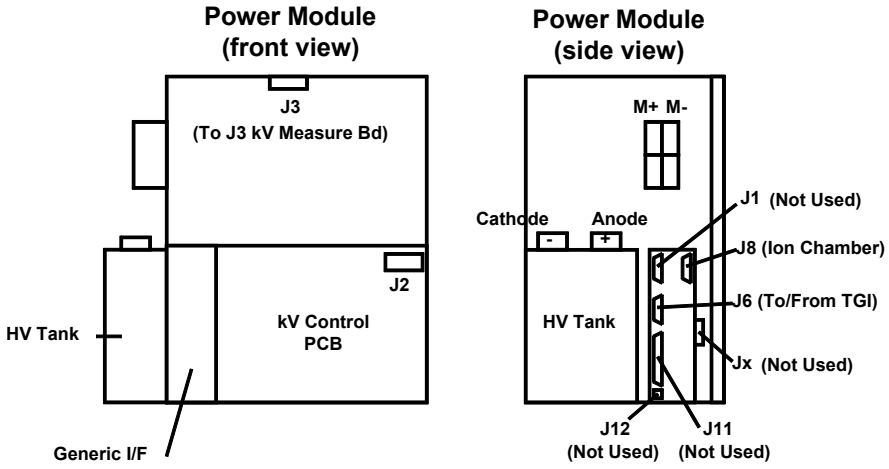
The Single Phase Generator is no Longer Available as an Option for the 2800

Generator Overview – Single Phase System



Generator Overview - Resonant Circuit Power Components





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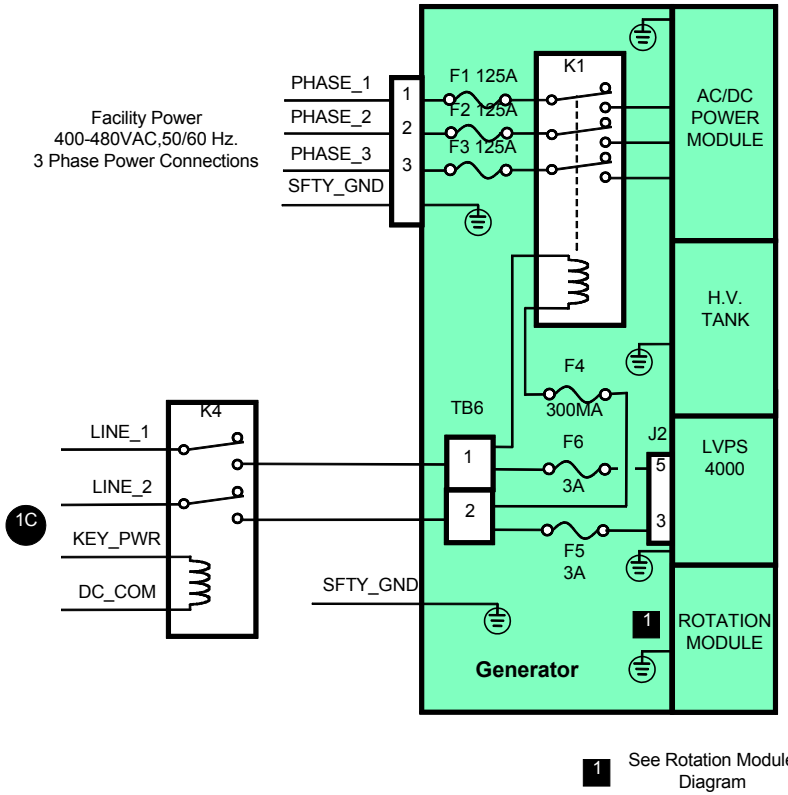
Generator Overview
Generator Connectors

Generator Overview – Generator Connectors



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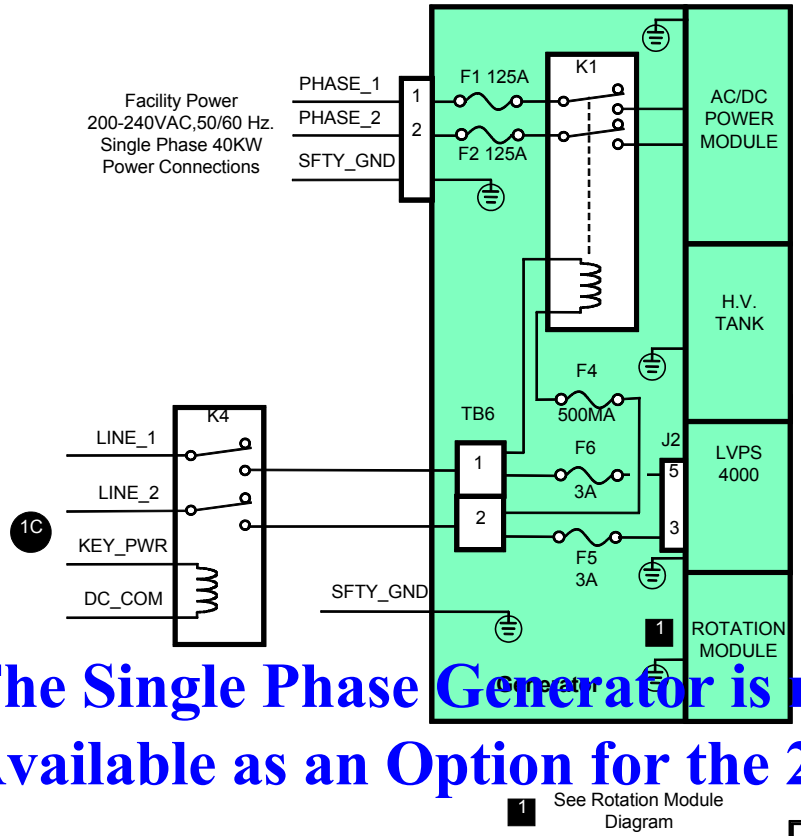
System AC Power Distribution
Three Phase Generator

System AC Power Distribution – Three-Phase Generator



The Single Phase Generator is no Longer Available as an Option for the 2800

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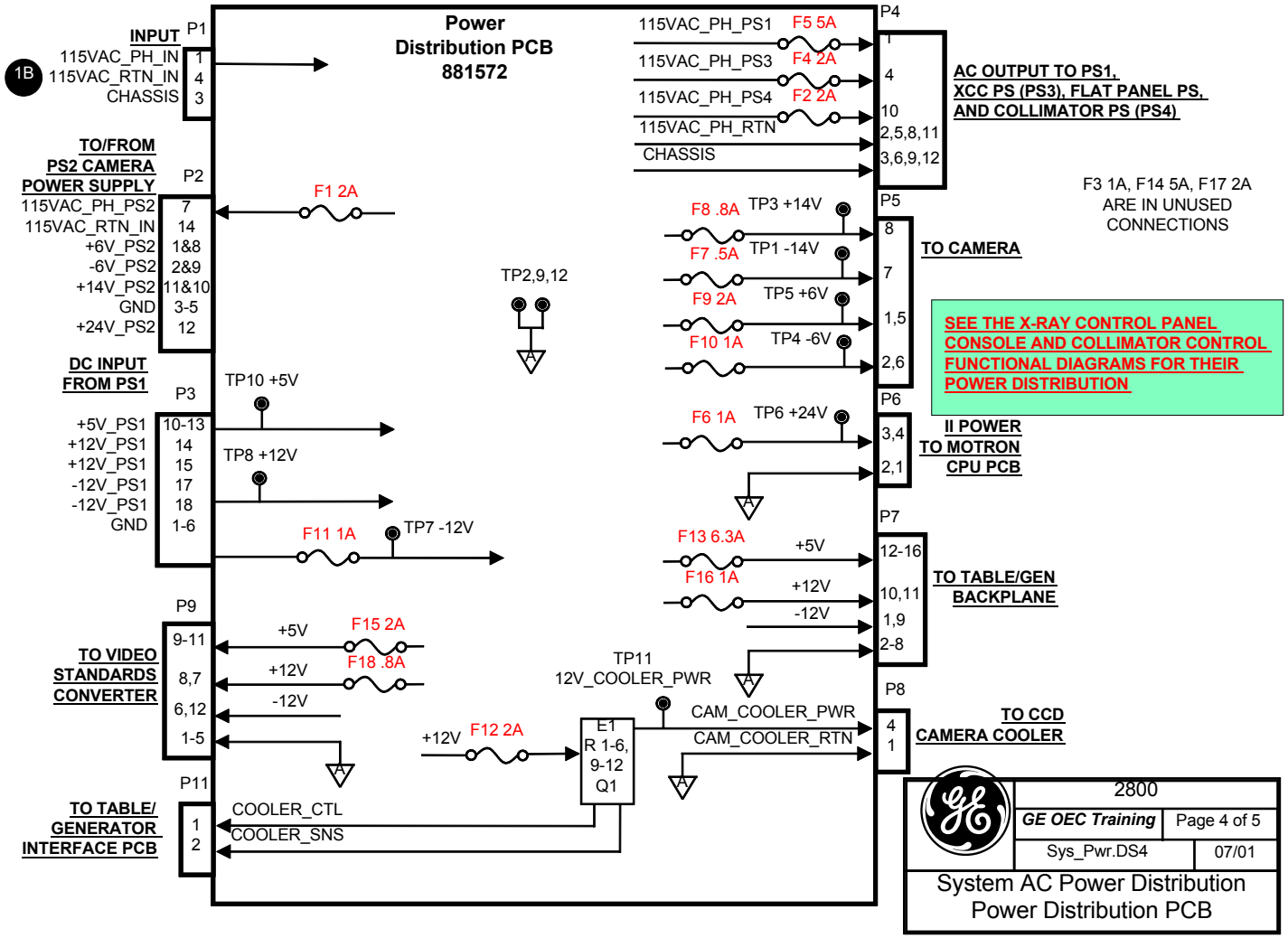
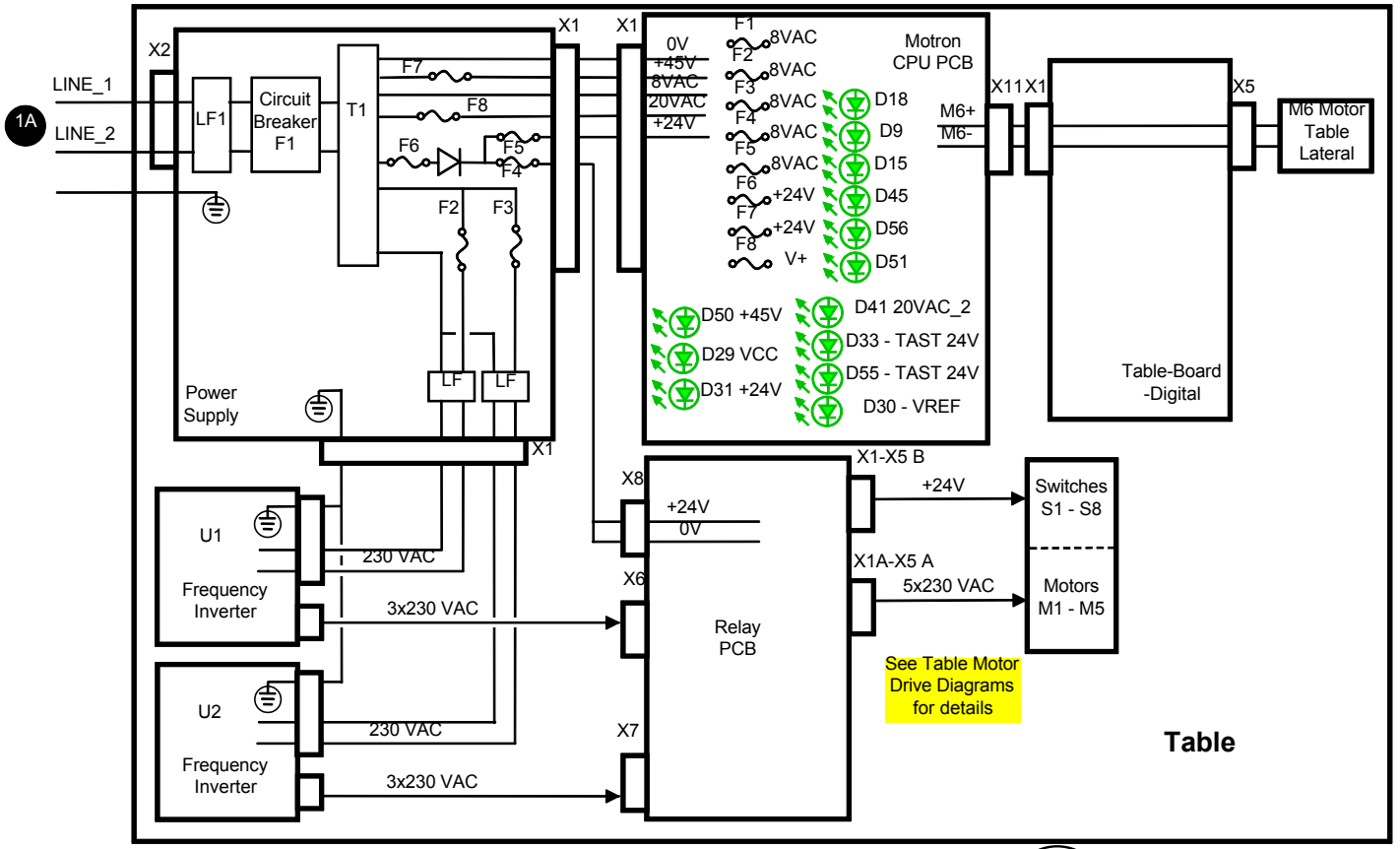
System AC Power Distribution Single Phase Generator	

System AC Power Distribution - Single Phase Generator



System AC Power Distribution – Power Distribution PCB



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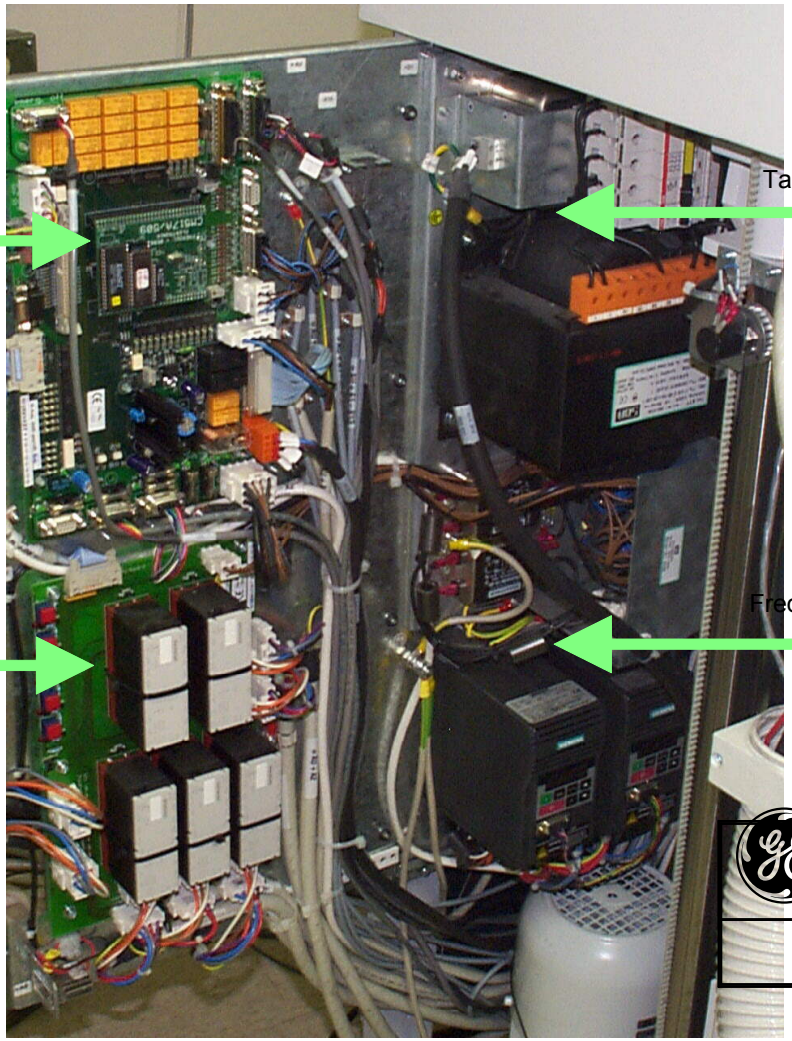
System Power Distribution Table	

System AC Power Distribution – Table


Motron CPU Board
Table Power Supply
Relay Board
Frequency Inverters
UroView 2800
GE OEC Training
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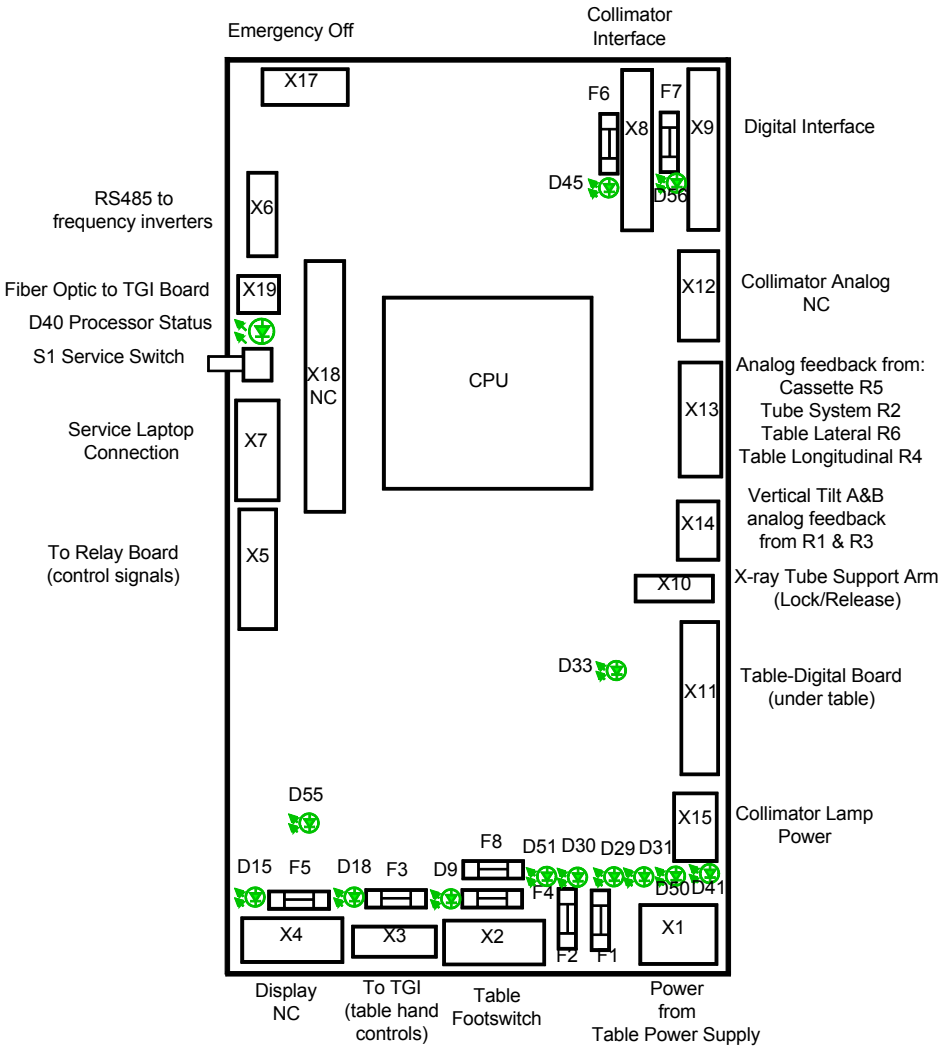
TBL_LEDS.DS4
10/01
Table LEDs

Table LEDs



D9 8VAC to footswitch
D15 8VAC to display (NC)
D18 8VAC to TGI(Table Generator Interface)
D29 VCC
D30 Output of bridge G3 (AVCC)
D31 +24V
D33 M6 Cassette
D40 Processor Status
D41 20VAC
D45 +24V
D50 +45V
D51 V+
D55 Tast_24V (from Emergency Off circuit)
D56 +24V

F1 (3.15AT) Input to bridge G1 & G2 (8VAC)
F2 (0.5AT) Input to bridge G3 (8VAC)
F3 8VAC(315mAT) to TGI
F4 8VAC(100mAT) to footswitch
F5 8VAC(315mAT) to display (NC)
F6 +24V(1AT)
F7 +24V(1AT)
F8 V+(100mAT)(referenced to V-) output of G2

UroView 2800	
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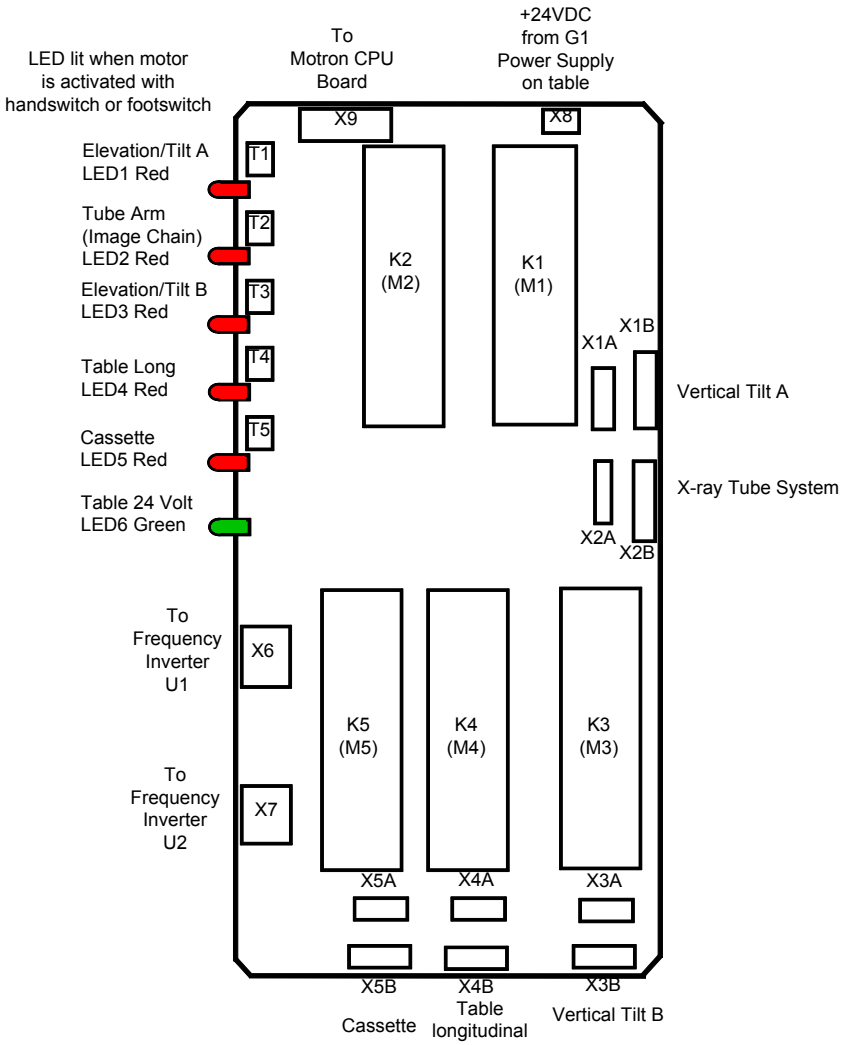
TBL_LEDS.DS4	10/01
Table LEDs Motron CPU Board	

Table LEDs – Motron CPU Board



K1/T1 Elevation/Tilt A

K2/T2 Tube Arm (Image Chain)

K3/T3 Elevation/Tilt B

K4/T4 Table Longitudinal

K5?t5 Cassette

UroView 2800	
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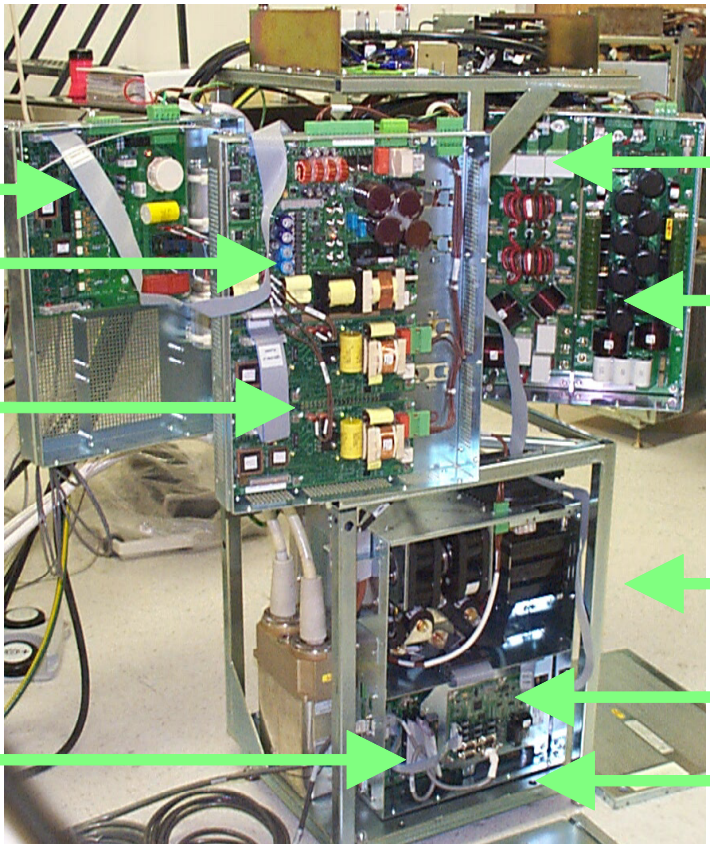
TBL_LEDS.DS4	10/01
Table LEDs Relay Board	

Table LEDs – Relay Board



WARNING!
Very high voltages and current are present on the generator.

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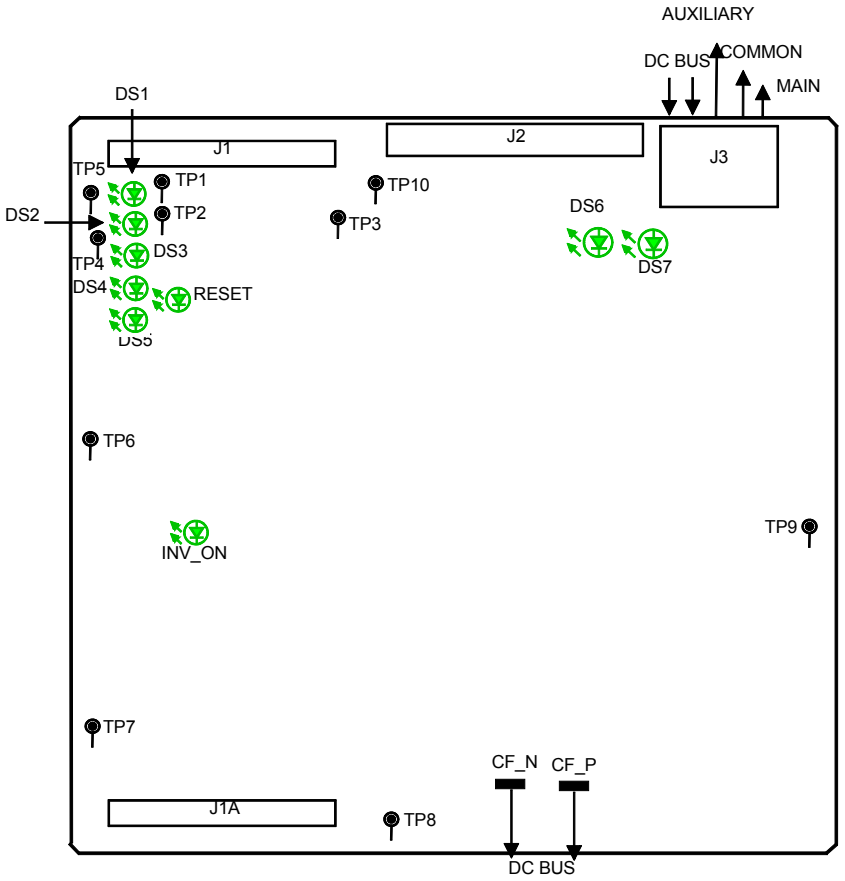
GEN_LEDS.DS4	09/02
Generator LEDS/Lamps Generator Board Locations	

Generator LEDs/Lamps - Generator Board Locations



LEDs:
DS1-GREEN -+15V PRESENT
DS2-GREEN-15V PRESENT
DS3-GREEN-+5V PRESENT
DS4-YELLOW-BOARD STATUS
DS5-YELLOW-BOARD STATUS-BLINKS ON/OFF
DS6-ORANGE NEON-FAN VAC (NOT USED)
DS7-ORANGE NEON-DC BUS PRESENT
RESET-RED-PCB POWER UP OR RESET
INV_ON-YELLOW-INVERTER IS RUNNING

TEST POINTS:
TP1 +15V
TP2 -15V
TP3 VCC
TP4 GND
TP5 GND
TP6 GND
TP7 GND
TP8 GND
TP9 GND
TP10 GND

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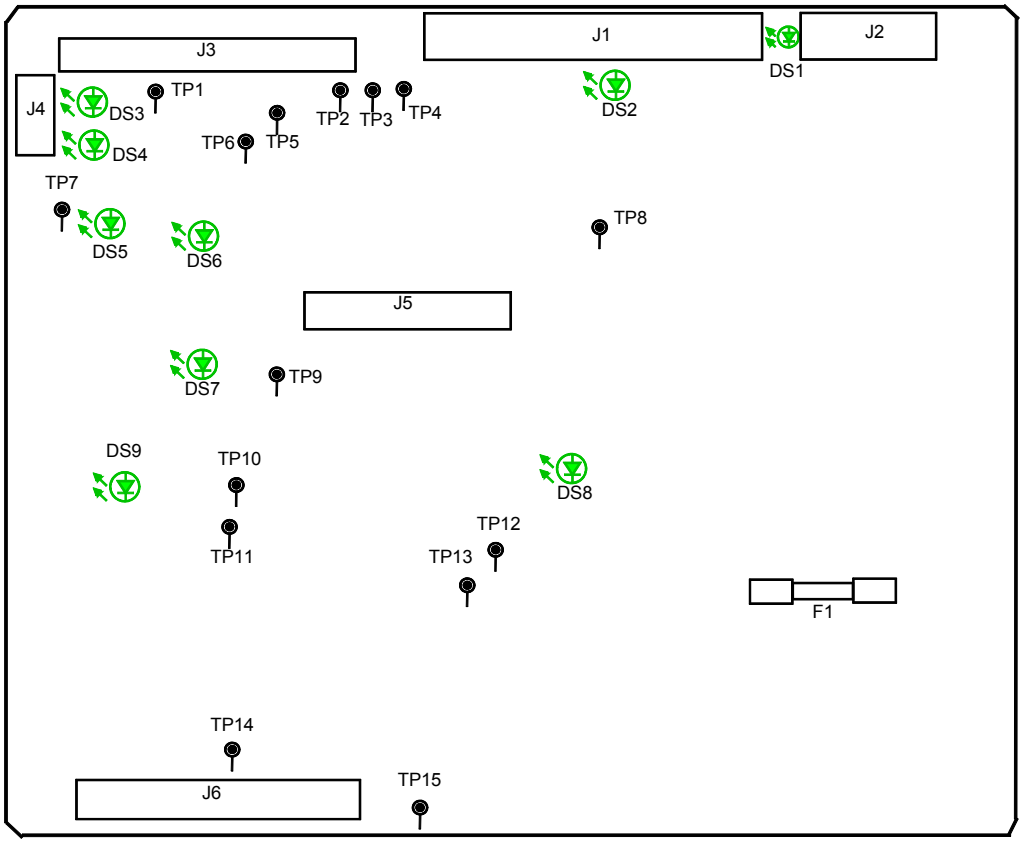
	GE OEC Training	Page 2 of 10
	GEN_LEDS.DS4	09/02
Generator LEDS/Lamps Rotation Board		

Generator LEDs /Lamps – Rotation Board



LEDs:
DS1-GREEN 15V EXTERNAL
DS2-GREEN 24V GATE
DS3&4-YELLOW STATUS
Blinks On/Off if uP OK
DS5-RED Reset uP
DS6-GREEN -15V INTERNAL
DS7-GREEN +15V INTERNAL
DS8-ORANGE NEON
Indicates presence of DC Bus
DS9-160V EXTERNAL

Test Points:
TP1 GND
TP2 -15V_CAN
TP3 GND
TP4 +15V_CAN
TP5 CONS_TT
TP6 _CONS_I_INV
TP7 GND
TP8 GND
TP9 +26V
TP10 +17V
TP11 -17V
TP12 DC_BUS_P15V
TP13 PLAN CUIVRE
(Negative output of bridge rectifier)
TP14 GND
TP15 GND

F1 Positive output of bridge rectifier

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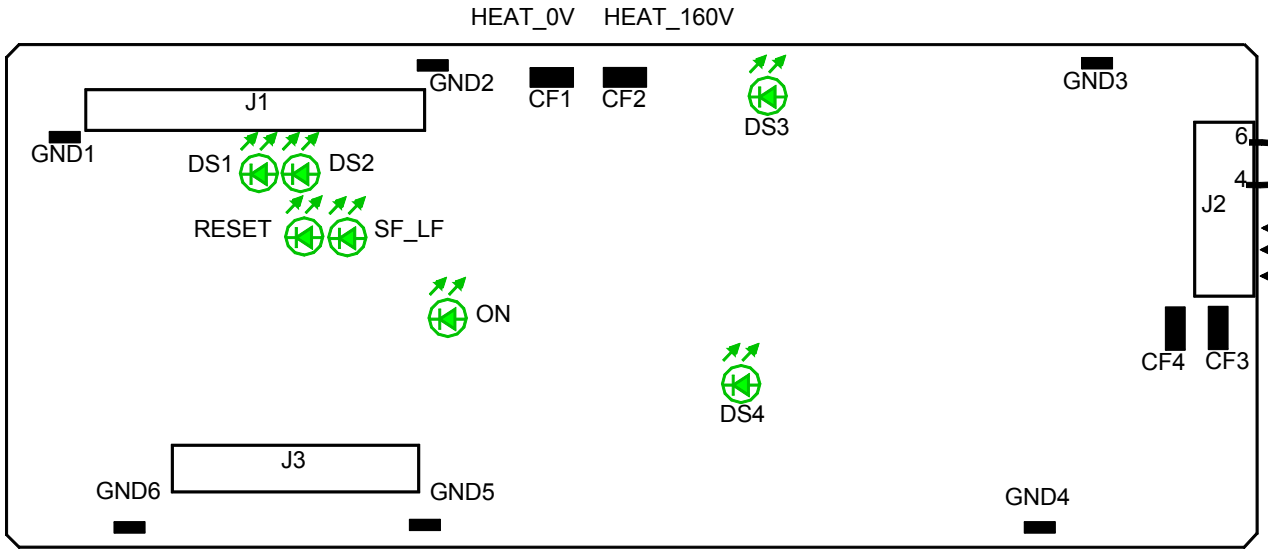
GE OEC Training	Page 3 of 10
GEN_LEDS.DS4	09/02
Generator LEDS/Lamps Low Voltage Power Supply	

Generator LEDs/Lamps – Low Voltage Power Supply



LEDs:
DS1-YELLOW-STATUS-BLINKING
DS2-YELLOW-STATUS-BLINKING
DS3-GREEN-+160VDC PRESENT
DS4-YELLOW-INVERTER OUTPUT RUNNING
ON-YELLOW-INVERTER COMMAND ON
SF_LF-YELLOW-SMALL/LARGE FOCAL SPOT RELAY FEEDBACK
RESET-RED-PCB POWER UP OR RESET

GND1-6 GROUND PADS

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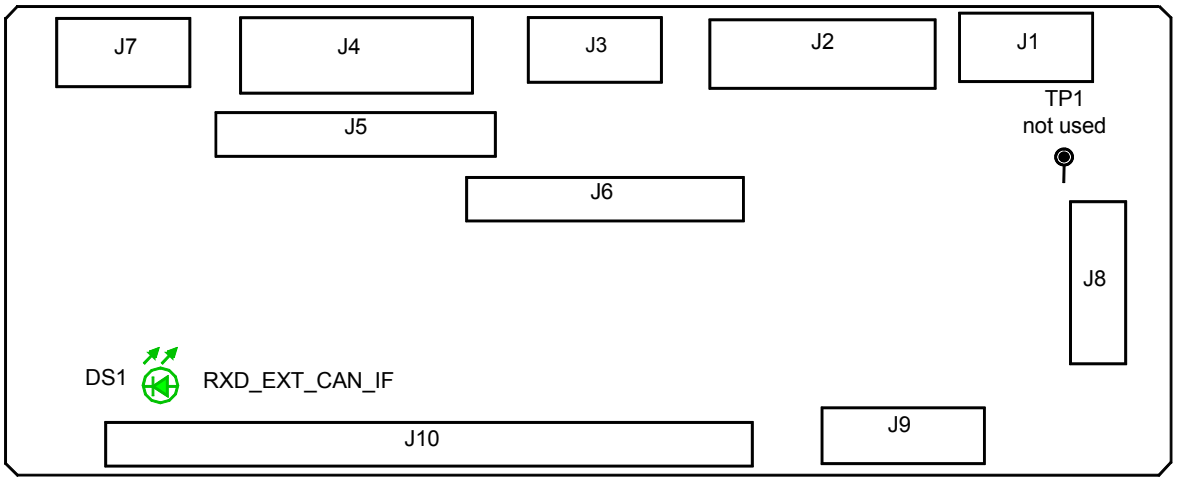
	GEN_LEDS.DS4	09/02
Generator LEDS/Lamps Filament Heater Boards (2)		

Generator LEDs/Lamps Filament Heater Boards (2)



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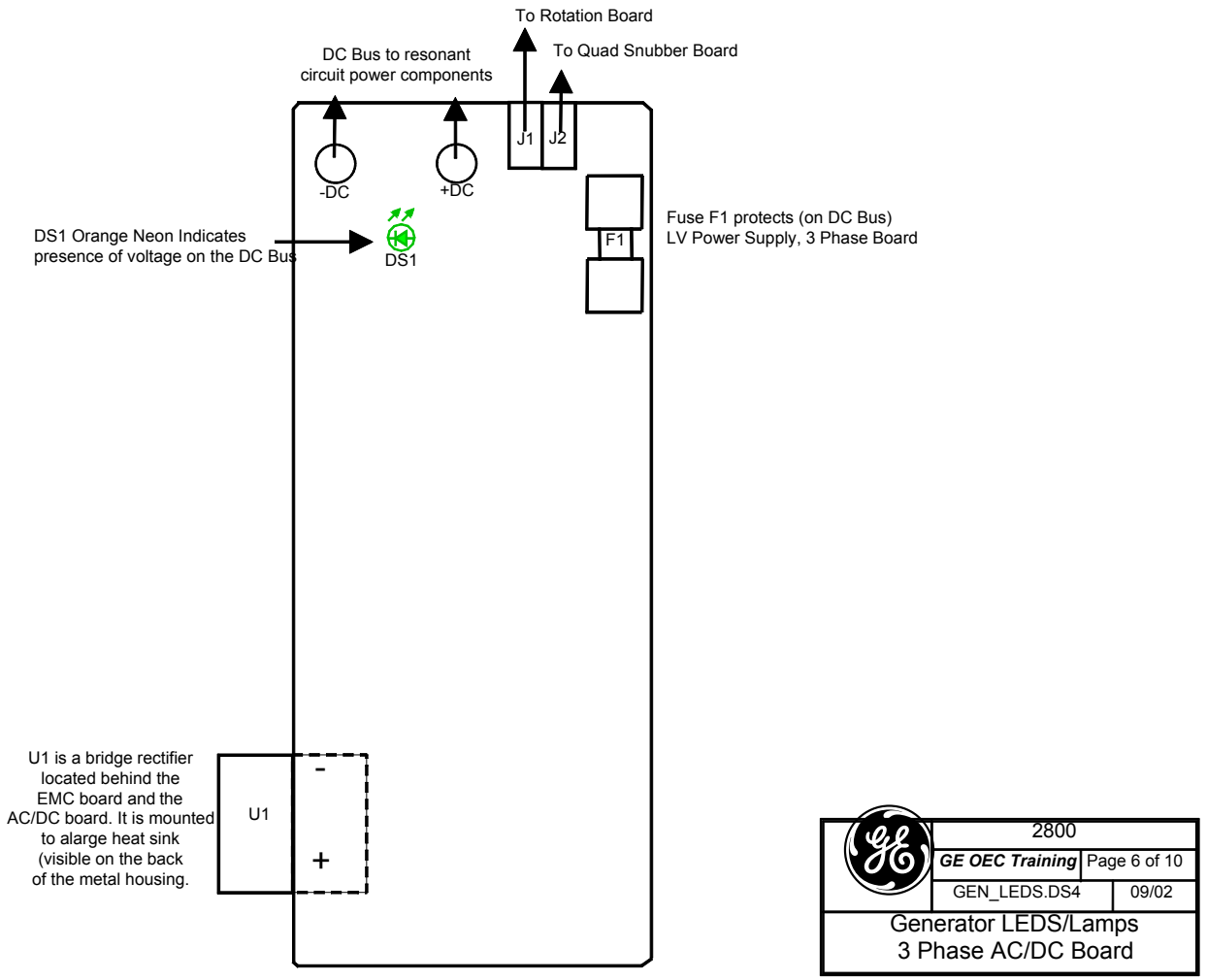
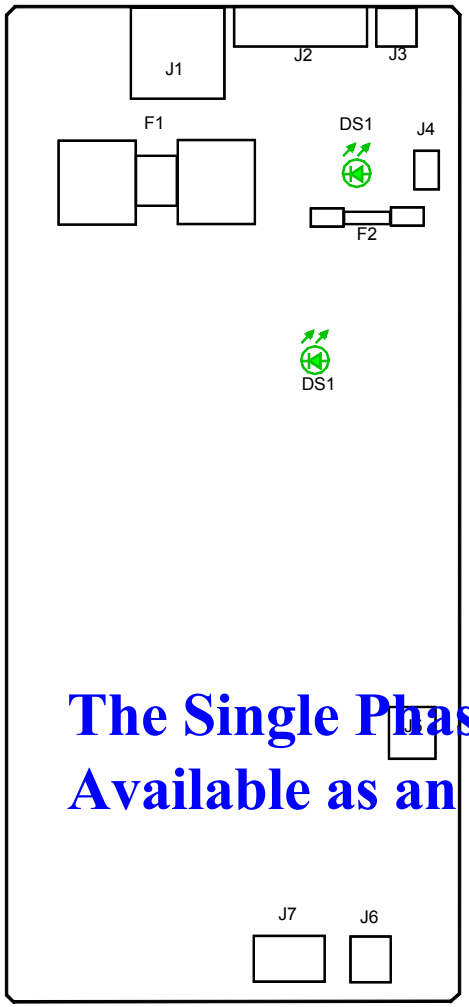
GEN_LEDS.DS4	09/02

Generator LEDS/Lamps
Generic Interface Board

Generator LEDs/Lamps – Generic Interface Board



Generator LEDs/Lamps – 3 phase AC/DC Board

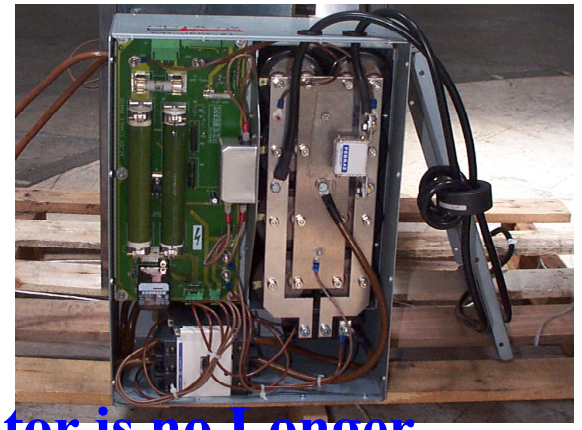


F1 (15AFF 700VDC) DC bus fuse, protects Rotation Board.

F2 (3.2A 250VAC) 220V fuse protects LVPS.

DS1 Orange Neon indicates presence of 220V

DS2 Orange Neon indicates presence of DC bus.



The Single Phase Generator is no Longer Available as an Option for the 2800

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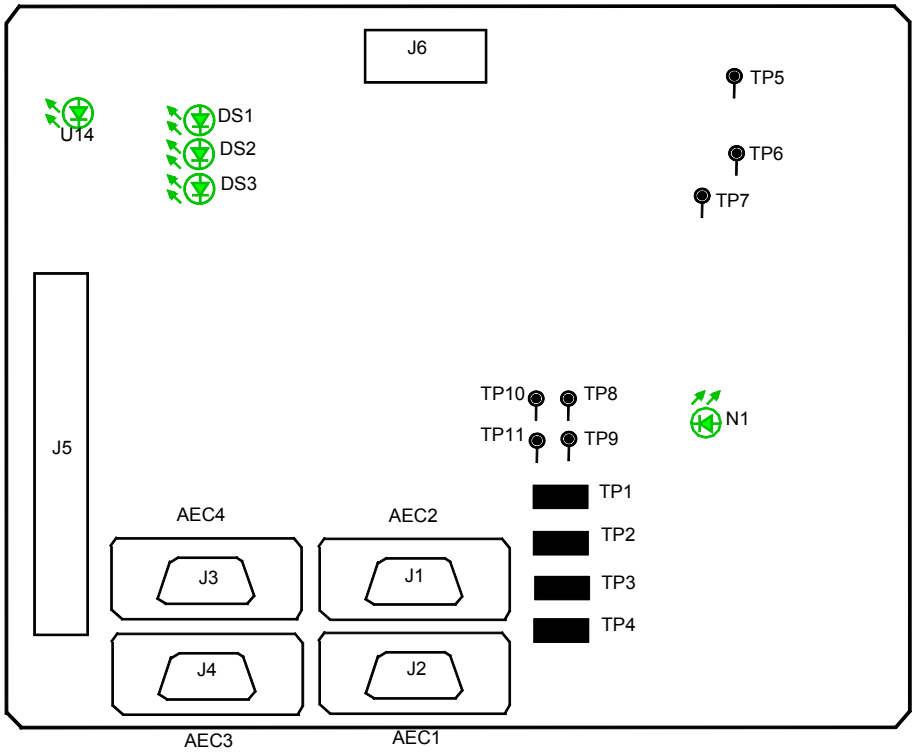
GE OEC Training	Page 7 of 10
GEN_LEDS.DS4	09/02

Generator LEDS/Lamps
Single Phase AC/DC Board

Generator LEDs/Lamps Single Phase AC/DC Board



TP1 230VDC
TP2 230VDC
TP3 230VDC
TP4 230VDC
TP5 AEC assignment reference
TP6 10VDC (reference)
TP7 AEC Return Voltage
TP8 AEC1 Return Voltage
TP9 AEC2 Return Voltage
TP10 AEC3 Return Voltage
TP11 AEC4 Return Voltage

DS1 Red Reset
DS2 Yellow Status
DS3 Yellow Status
U14 Yellow Bright _CAN_H
N1 Orange Neon Indicates presence of 230VDC

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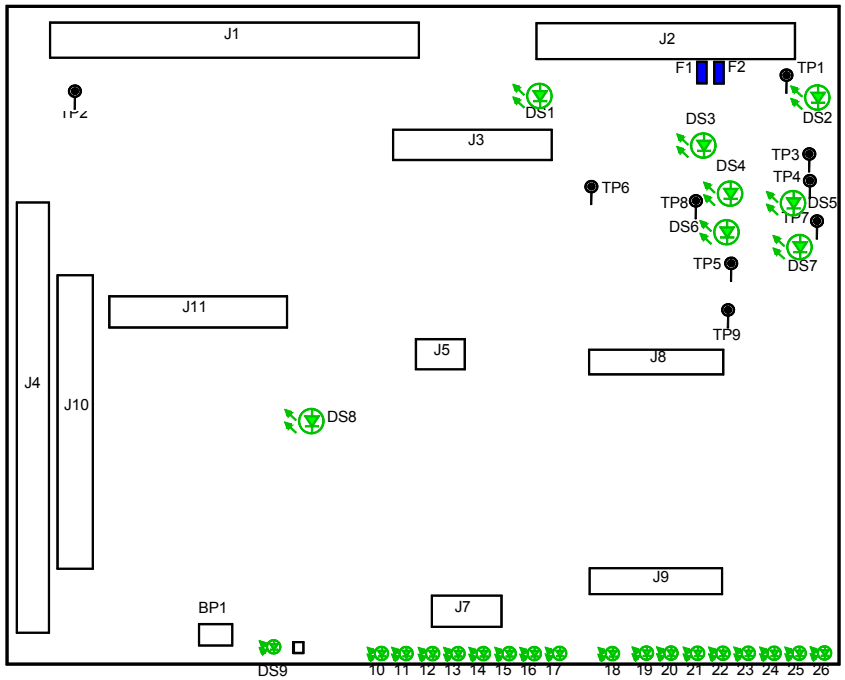
GE OEC Training	Page 8 of 10
GEN_LEDS.DS4	09/02

Generator LEDS/Lamps
AEC Board

Generator LEDs/Lamps –AEC Board



DS1 - Gate Cmd OK - Yellow
DS2 - 3.3V
DS3 - 5V
DS4 - -15V Input
DS5 - -15V Internal
DS6 - +15V Input
DS7 - +15V Internal
DS8 - DSP Ok - Yellow

TP1 - GND
TP2 - GND
TP3 - 3.3V
TP4 - int -15V
TP5 - GND
TP6 - +5V
TP7 - int +15V
TP8 - +1.8V
TP9 - GND

DS19 - 26 (yellow): Error Indication

During Power On Diagnostics the LEDs are off.

When the 8 LEDs are lit successively back and forth from the center, the power up diagnostics are completed, the kV Control PCB is up and running.

When only DS 23 - 26 are lit, a data base checksum problem.An error is logged. Refer to the error code description.

When an application error occurs, DS 20 and 22 blink on and off. When the error is cleared the 8 LEDs are lit successively again.

DS9 (red) FPGA (U71) Configuration not accomplished
DS10 (red) :Board being reset
DS11 (red): Microprocessor halted
DS12 (yellow): R_CAN_X (system CAN bus receive)
DS13 (yellow): T_CAN_X (system CAN bus transmit)
DS14 (yellow): TX_TAV (transmit to service laptop)
DS15 (yellow): RX_TAV (receive from service laptop)
DS16 (yellow): TX_CONS (transmit to console)
DS17 (yellow): RX_CONS (receive from console)
DS18: future use

DS 19 thru DS 26 can be used as a troubleshooting guide to help diagnose Generator Problems. Click on the button to go to the explanation.

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GEN_LEDS.DS4	09/02
Generator LEDS/Lamps Gate Command Board	

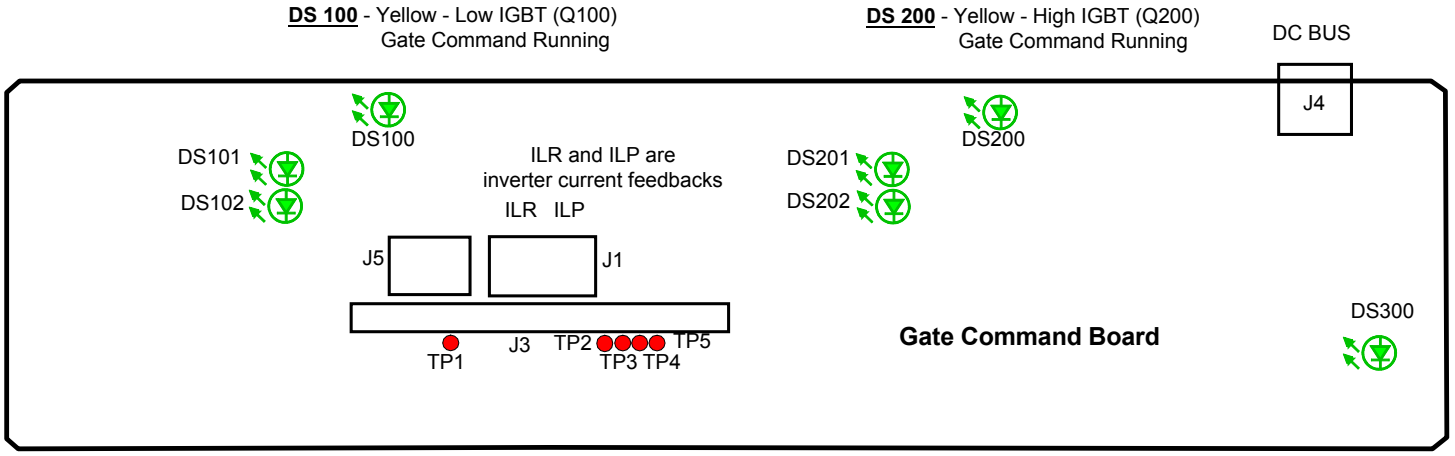
Generator LEDs/Lamps – Gate Command Board

DS 101- Green - Presence of +20V Supply on low IGBT Gate Command

DS 102- Green - Presence of -10V Supply on low IGBT Gate Command

DS 201- Green - Presence of +20V Supply on high IGBT Gate Command

DS 202- Green - Presence of -10V Supply on high IGBT Gate Command



DS 300 - Orange Neon
Indicates presence of voltage on DC bus for flyback converter to create power supplies for both gate commands.

IGBT=Insulated Gate Bipolar Transistor

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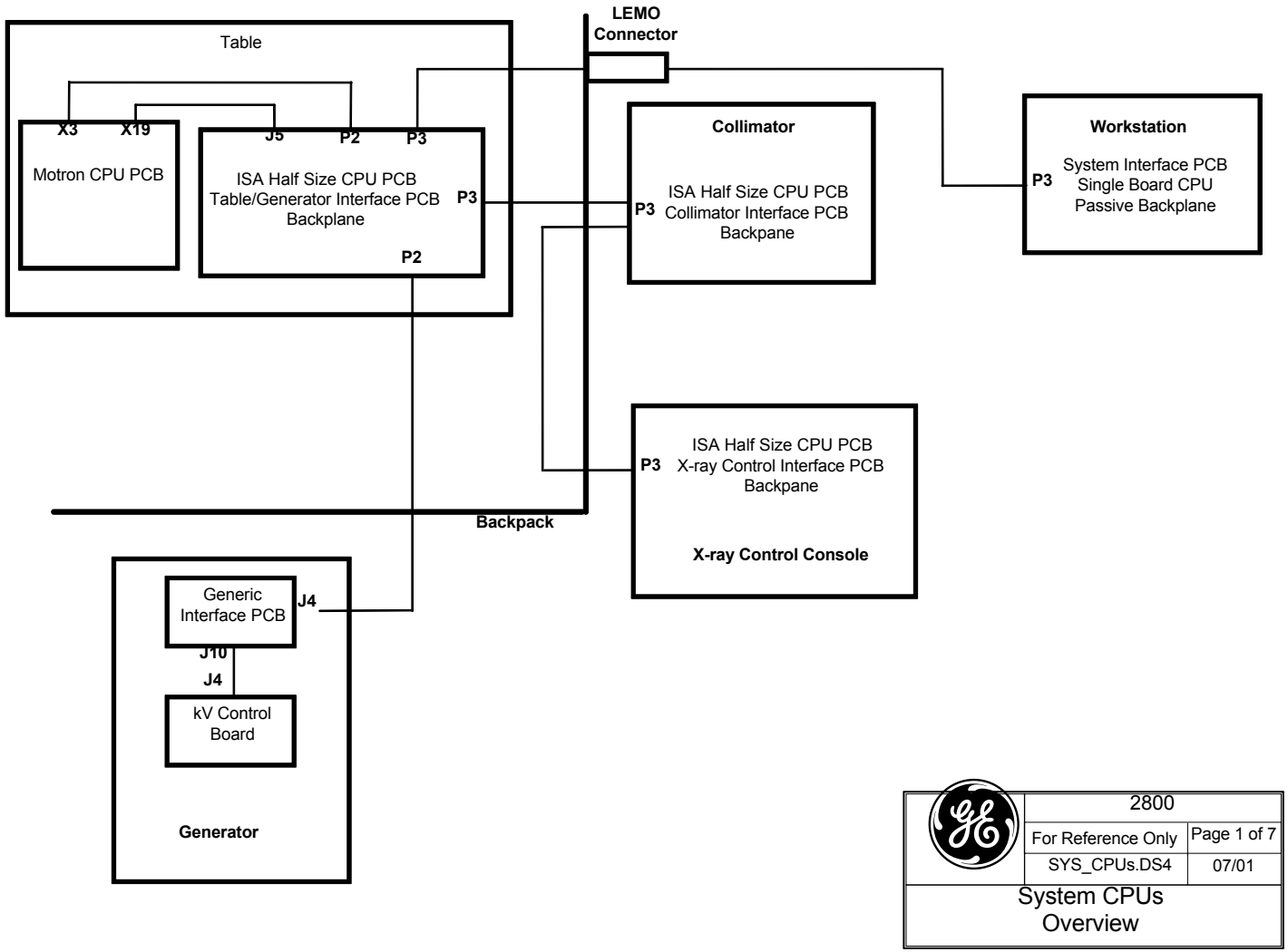
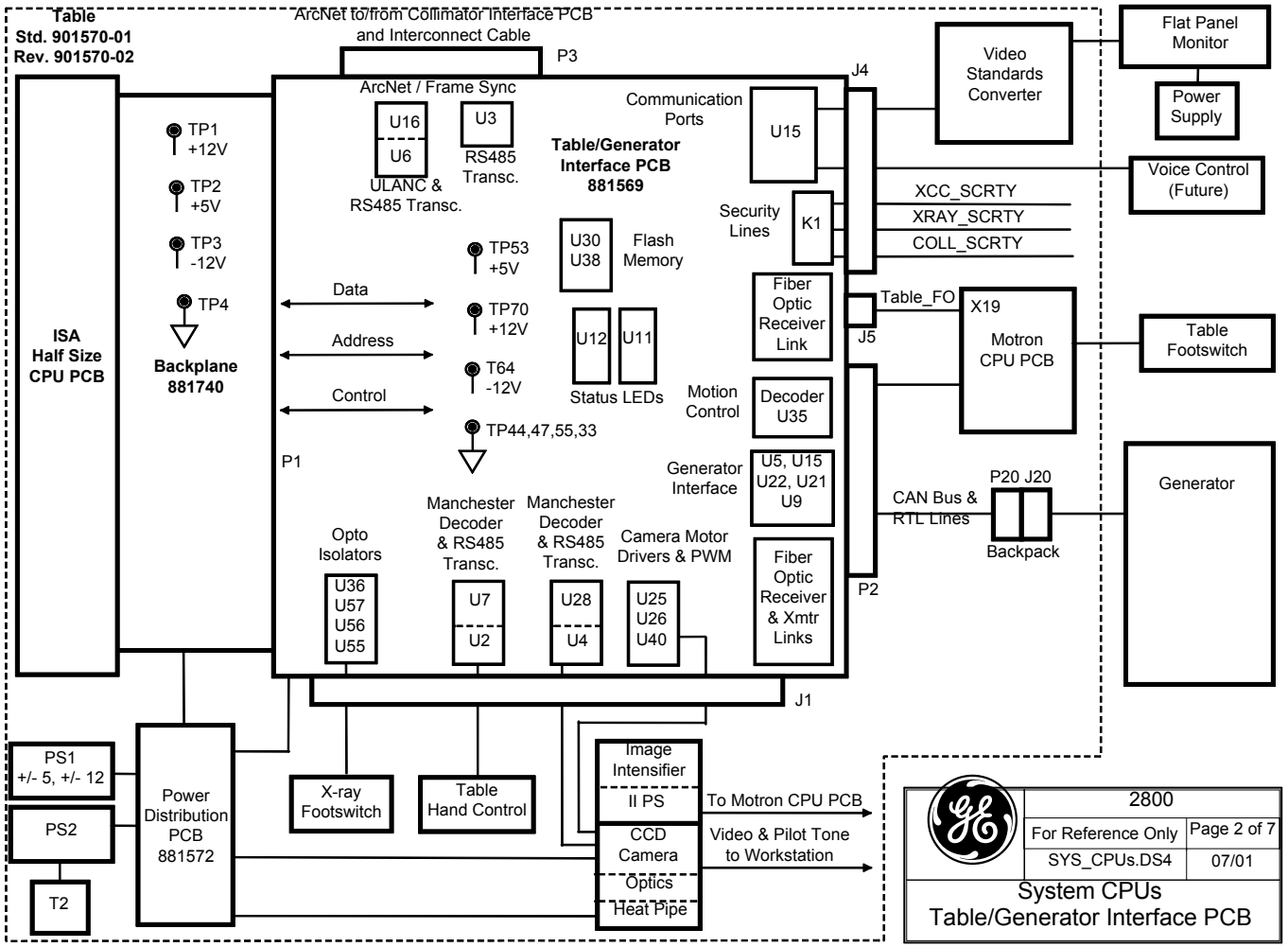
GEN_LEDS.DS4	09/02
Generator LEDS/Lamps Gate Command Board	

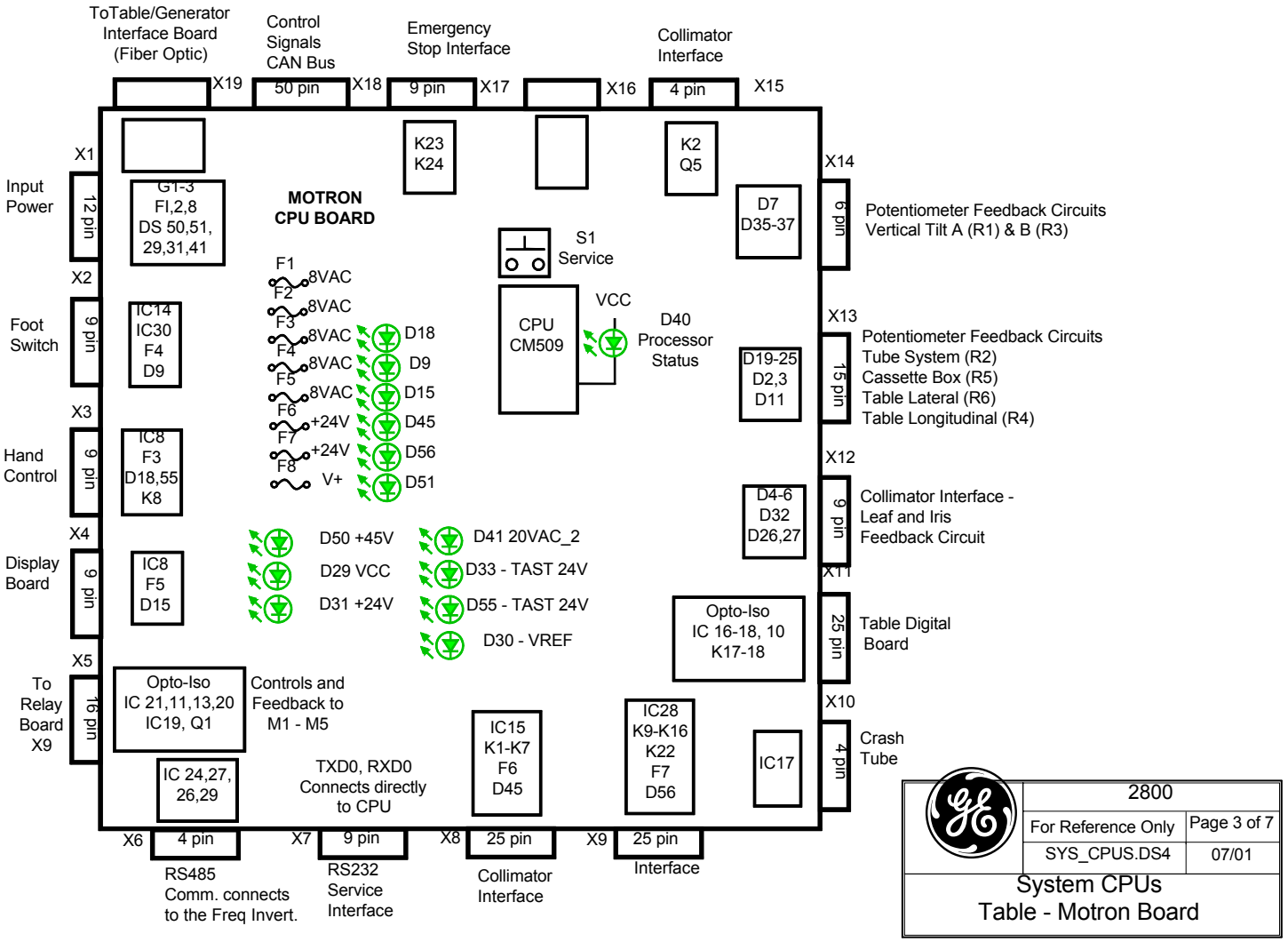
Generator LEDs/Lamps Gate Command Board



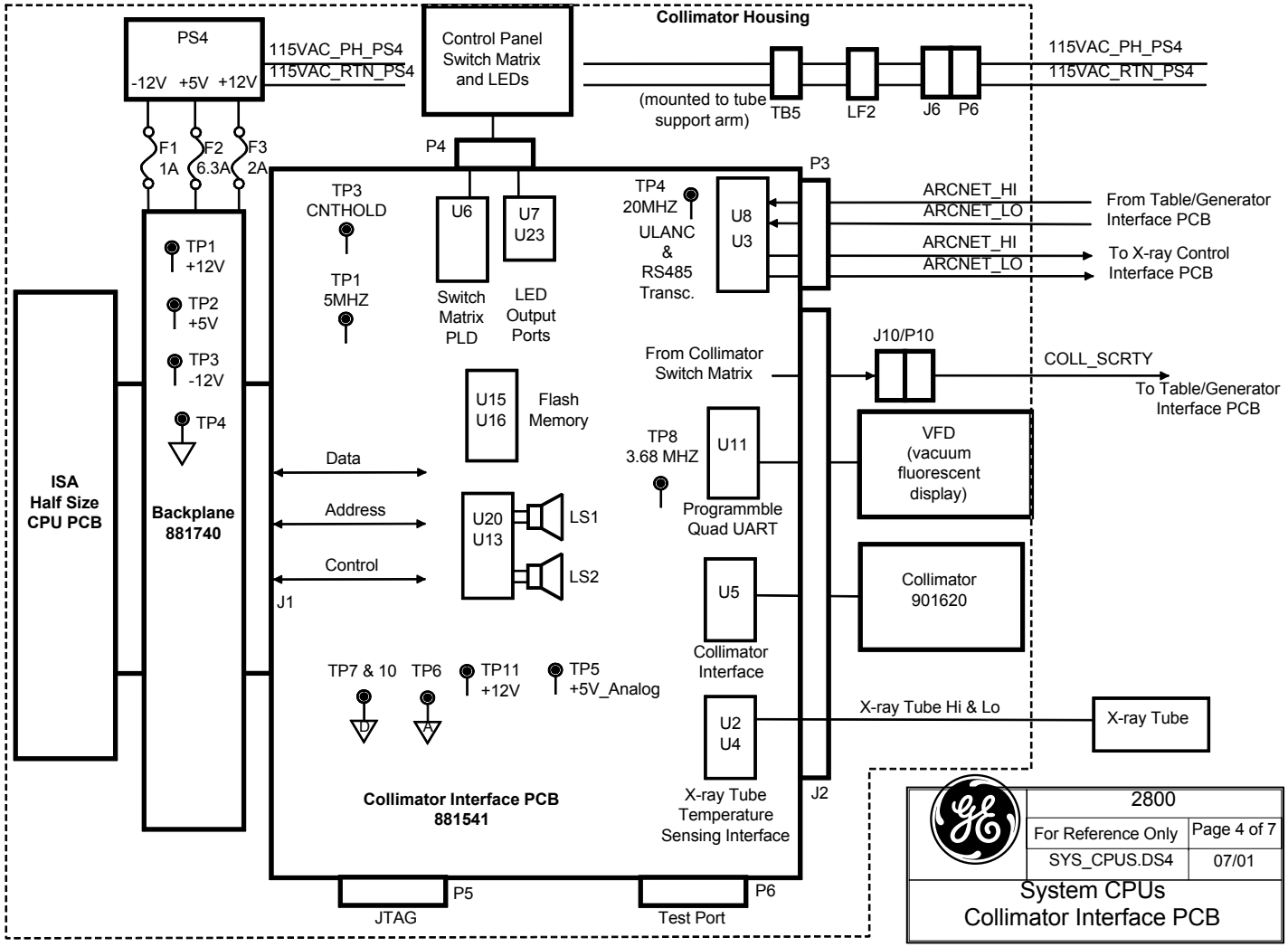
System CPUs – Overview



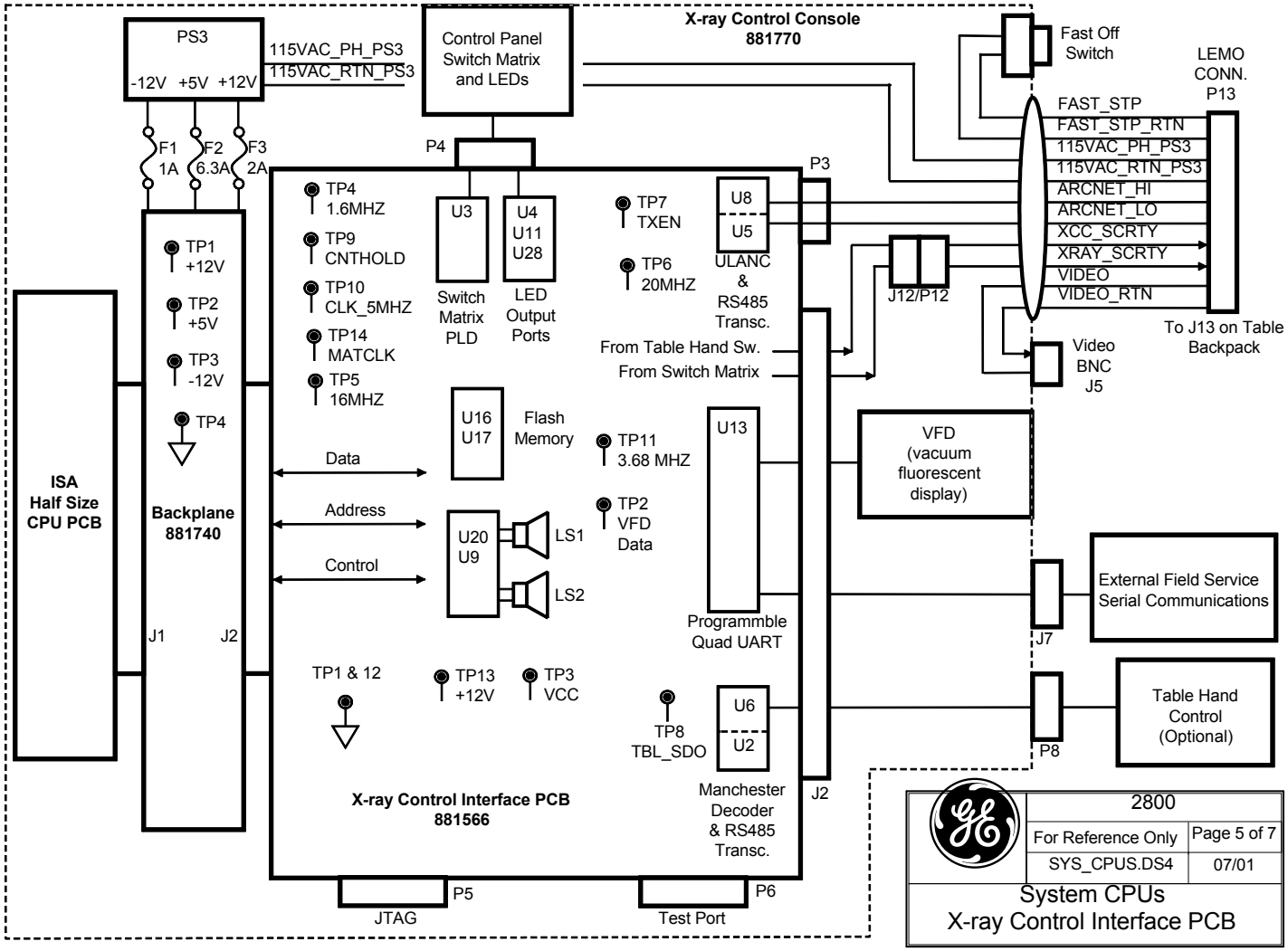
System CPUs – Table/Generator Interface PCB



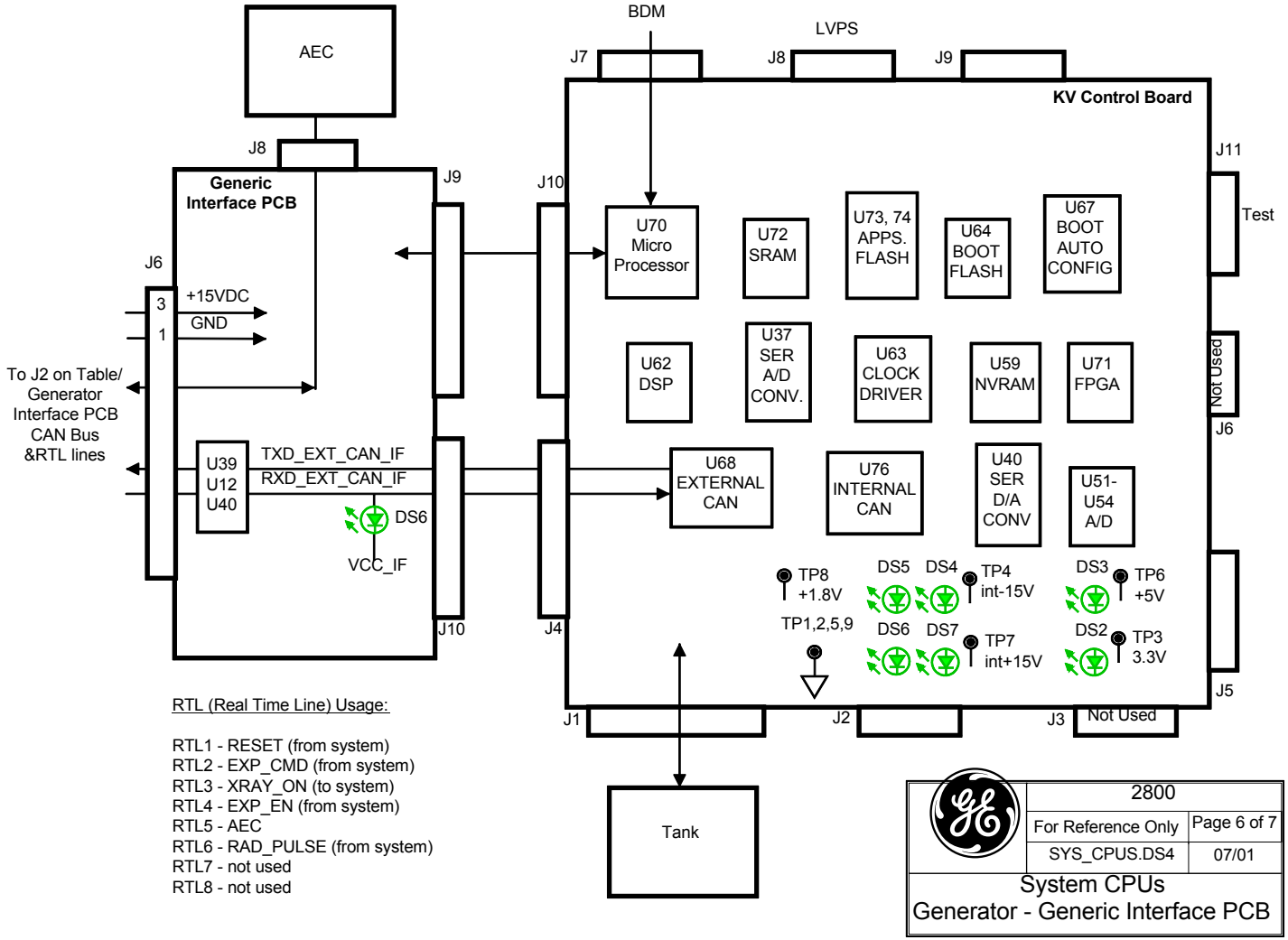
System CPUs – Table – Motron Board



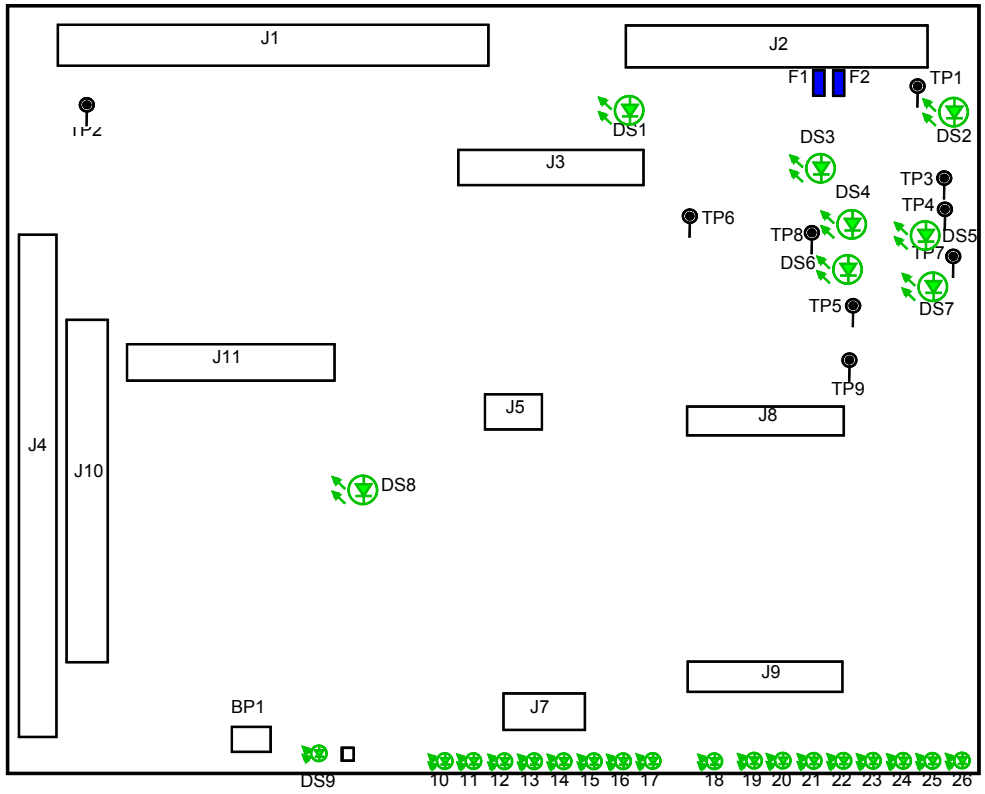
System CPUs – Collimator Interface PCB



System CPUs – X-ray Control Interface



System CPUs – Generator – Generic Interface PCB



DS1 - Gate Cmd OK - Yellow
DS2 - 3.3V
DS3 - 5V
DS4 - -15V Input
DS5 - -15V Internal
DS6 - +15V Input
DS7 - +15V Internal
DS8 - DSP Ok - Yellow

TP1 - GND
TP2 - GND
TP3 - 3.3V
TP4 - int -15V
TP5 - GND
TP6 - +5V
TP7 - int +15V
TP8 - +1.8V
TP9 - GND

DS19 - 26 (yellow): Error Indication

During Power On Diagnostics the LEDs are off.

When the 8 LEDs are lit successively back and forth from the center, the power up diagnostics are completed, the kV Control PCB is up and running.

When only DS 23 - 26 are lit, a data base checksum problem.An error is logged. Refer to the error code description.

When an application error occurs, DS 20 and 22 blink on and off. When the error is cleared the 8 LEDs are lit successively again.

DS9 (red) FPGA (U71) Configuration not accomplished
DS10 (red) :Board being reset
DS11 (red): Microprocessor halted
DS12 (yellow): R_CAN_X (system CAN bus receive)
DS13 (yellow): T_CAN_X (system CAN bus transmit)
DS14 (yellow): TX_TAV (transmit to service laptop)
DS15 (yellow): RX_TAV (receive from service laptop)
DS16 (yellow): TX_CONS (transmit to console)
DS17 (yellow): RX_CONS (receive from console)
DS18: future use

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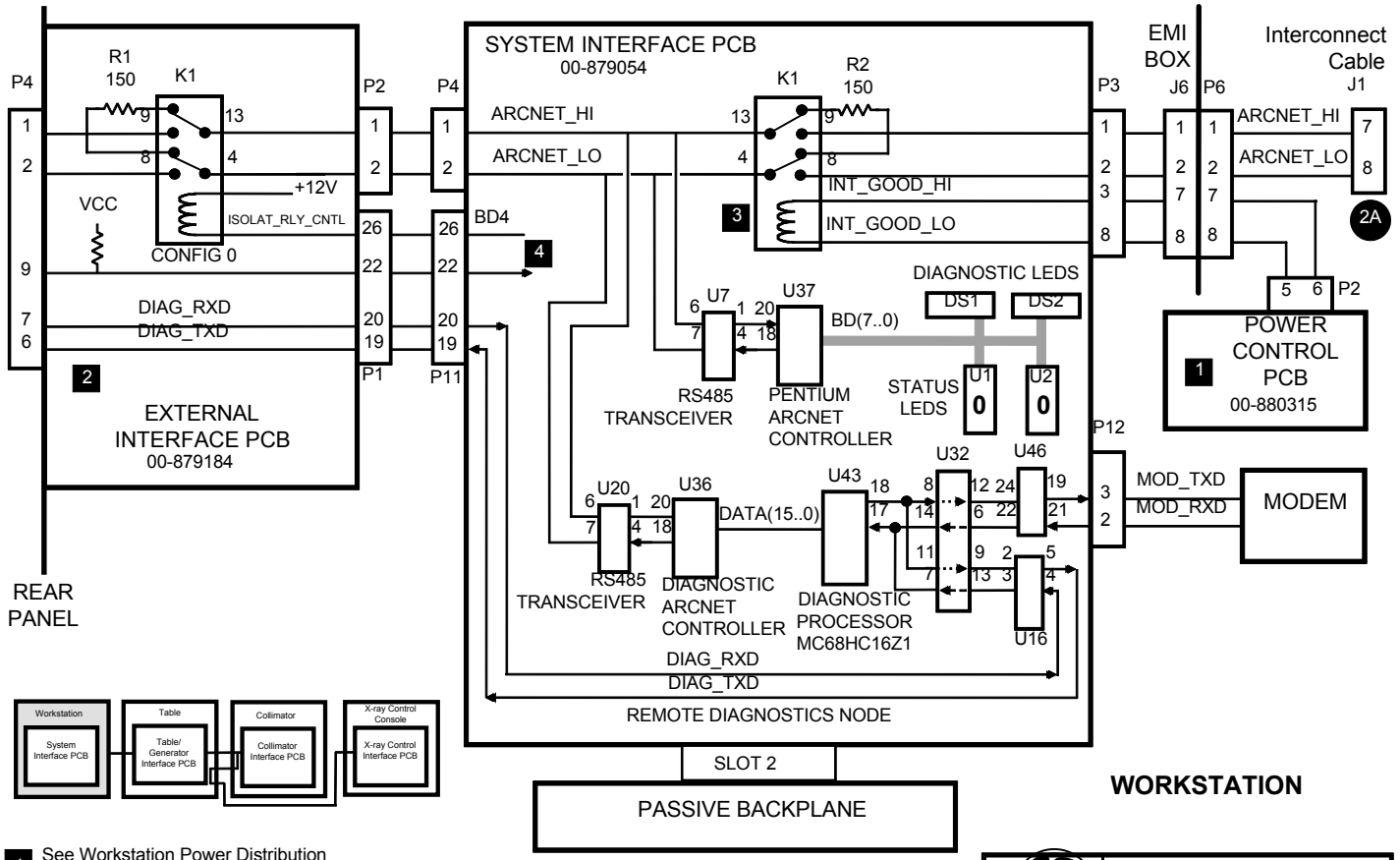
System CPUs
Generator - kV Control PCB

System CPUs – Generator – kV Control PCB



1 See Workstation Power Distribution Page 4 of 15

2 See Workstation Remote Diagnostics Interface Page 8 of 11

3 Shown in Workstation Standalone condition. Activated by CNCT_ON circuit. See Workstation Power Distribution Page 4 of 15.

4 Diagnostic Processor U43 monitors the CONFIG 0 line and activates Relay K1 on the External Interface PCB using the BD4 line when an external ARCNET cable is attached.

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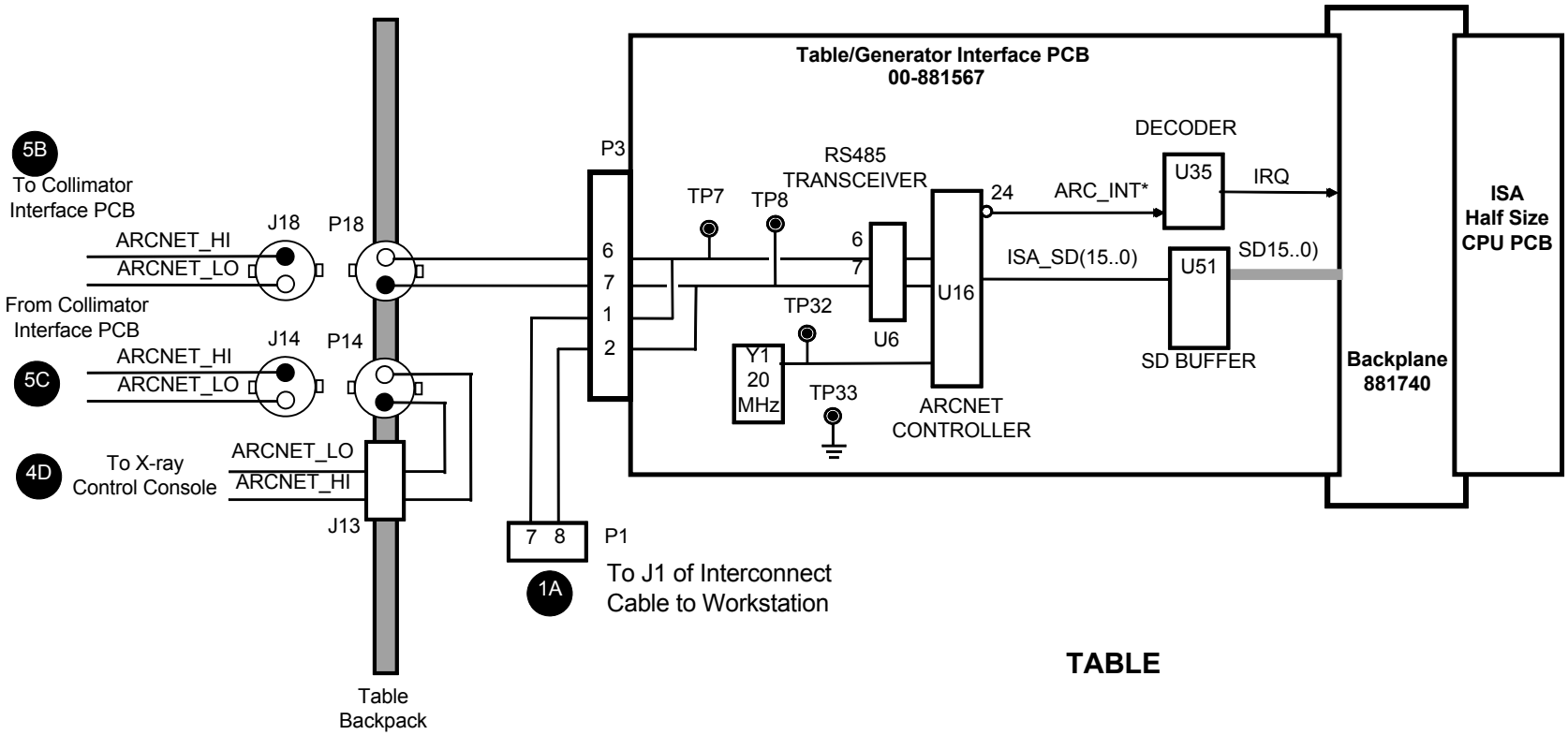
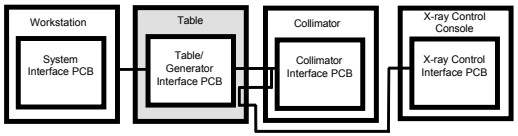
SYSCOMM.DS4	07/01
System Communications System Interface PCB - ARCNET	

System Communications – System Interface PCB – ARCNET





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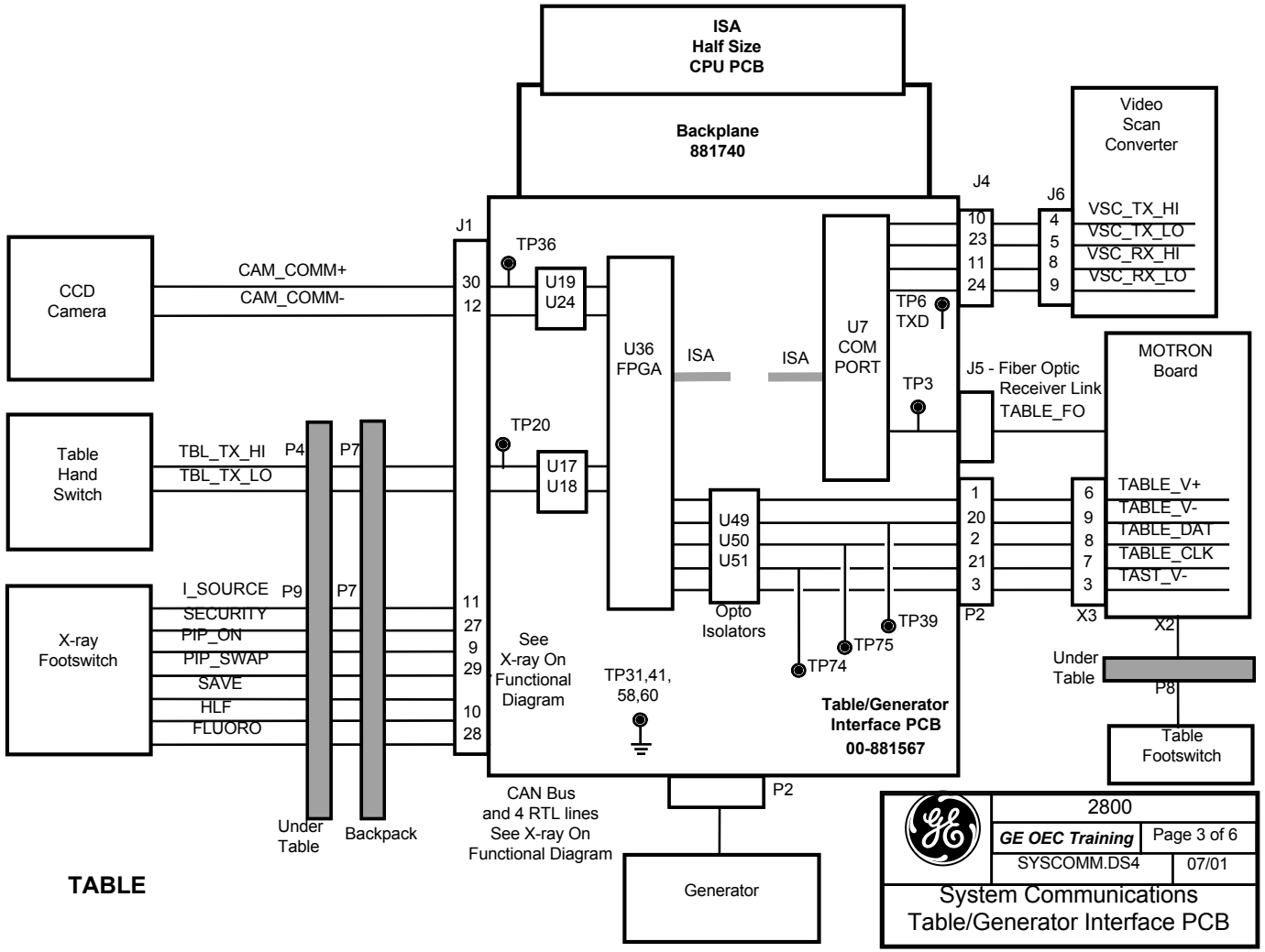
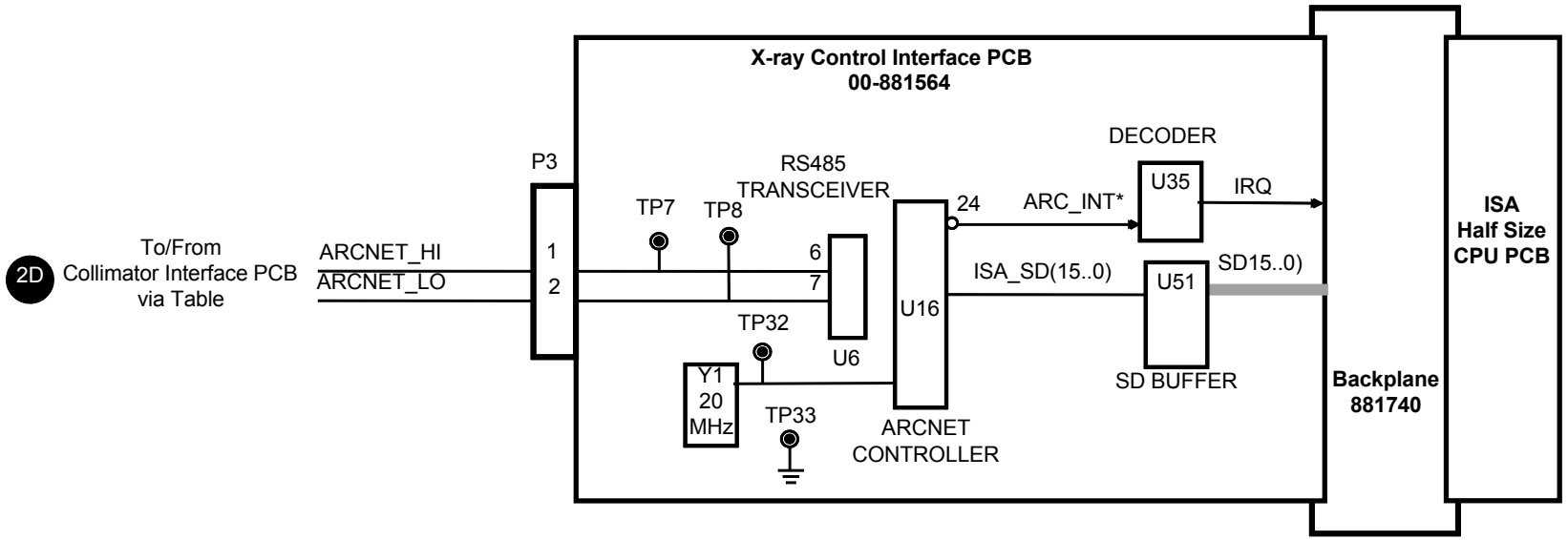
	GE OEC Training	Page 2 of 6
	SYSCOMM.DS4	07/01
System Communications Table/Generator Interface PCB		

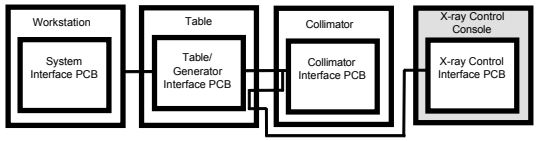
System Communications – Table/Generator Interface PCB



System Communications – Table/Generator Interface PCB



X-RAY CONTROL CONSOLE



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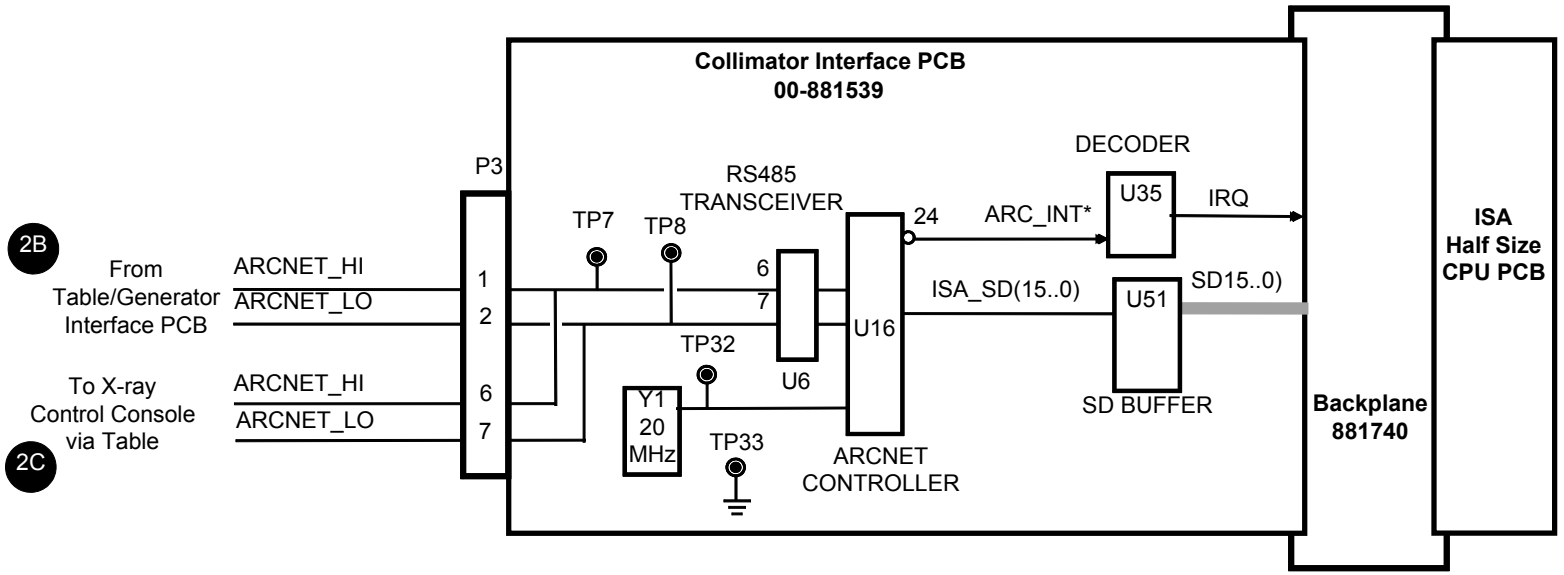
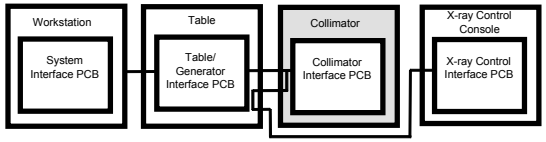
SYSCOMM.DS4	07/01
System Communications X-ray Control Interface PCB	

System Communications – X-ray Control Interface PCB



COLLIMATOR HOUSING



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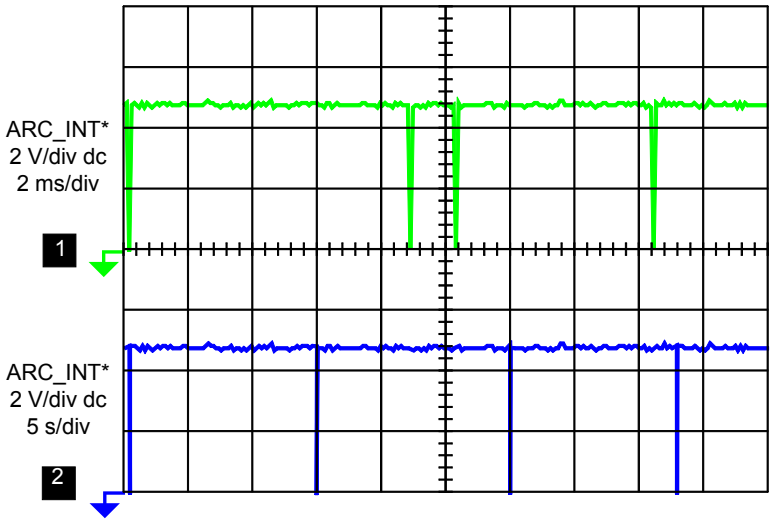
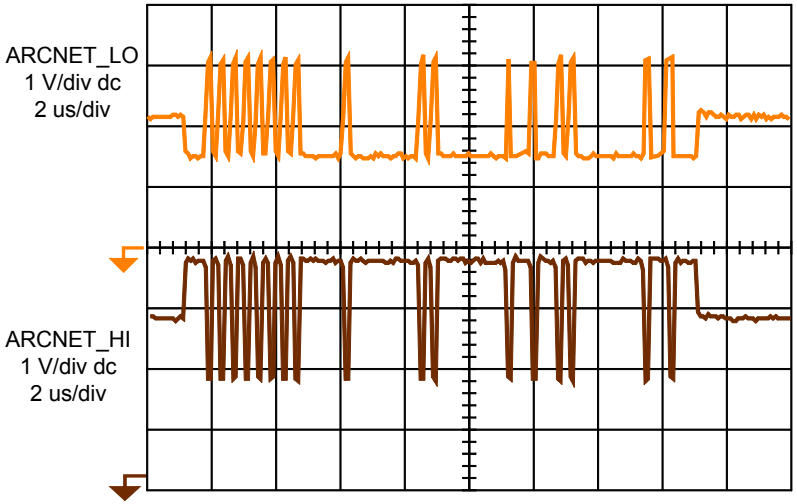
SYSCOMM.DS4	07/01
System Communications Collimator Interface PCB-ARCNET	

System Communications – Collimator Interface PCB – ARCNET





1 Active condition, buttons pressed on Control Panel.

2 Idle condition, no buttons pressed on Control Panel.

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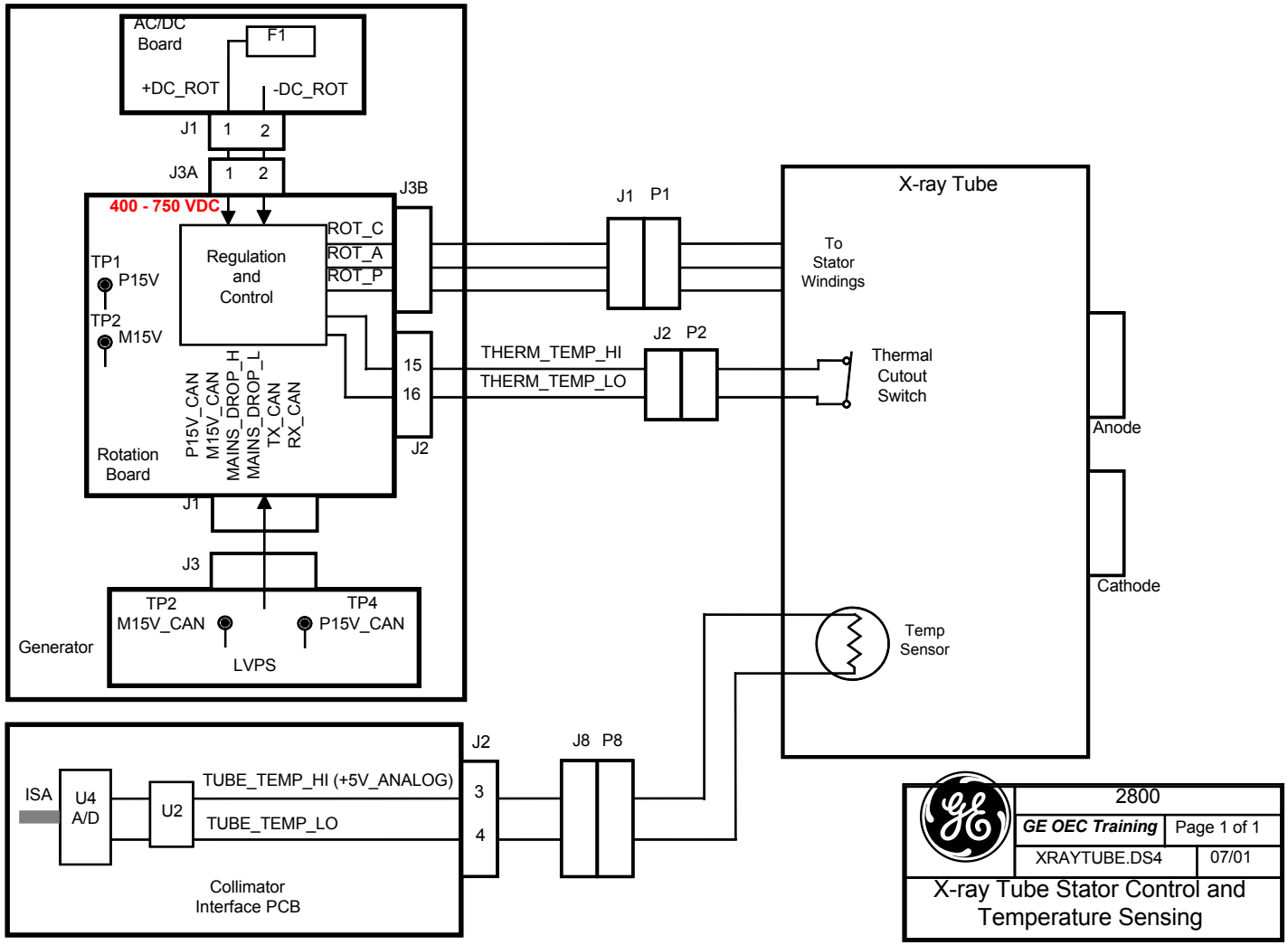
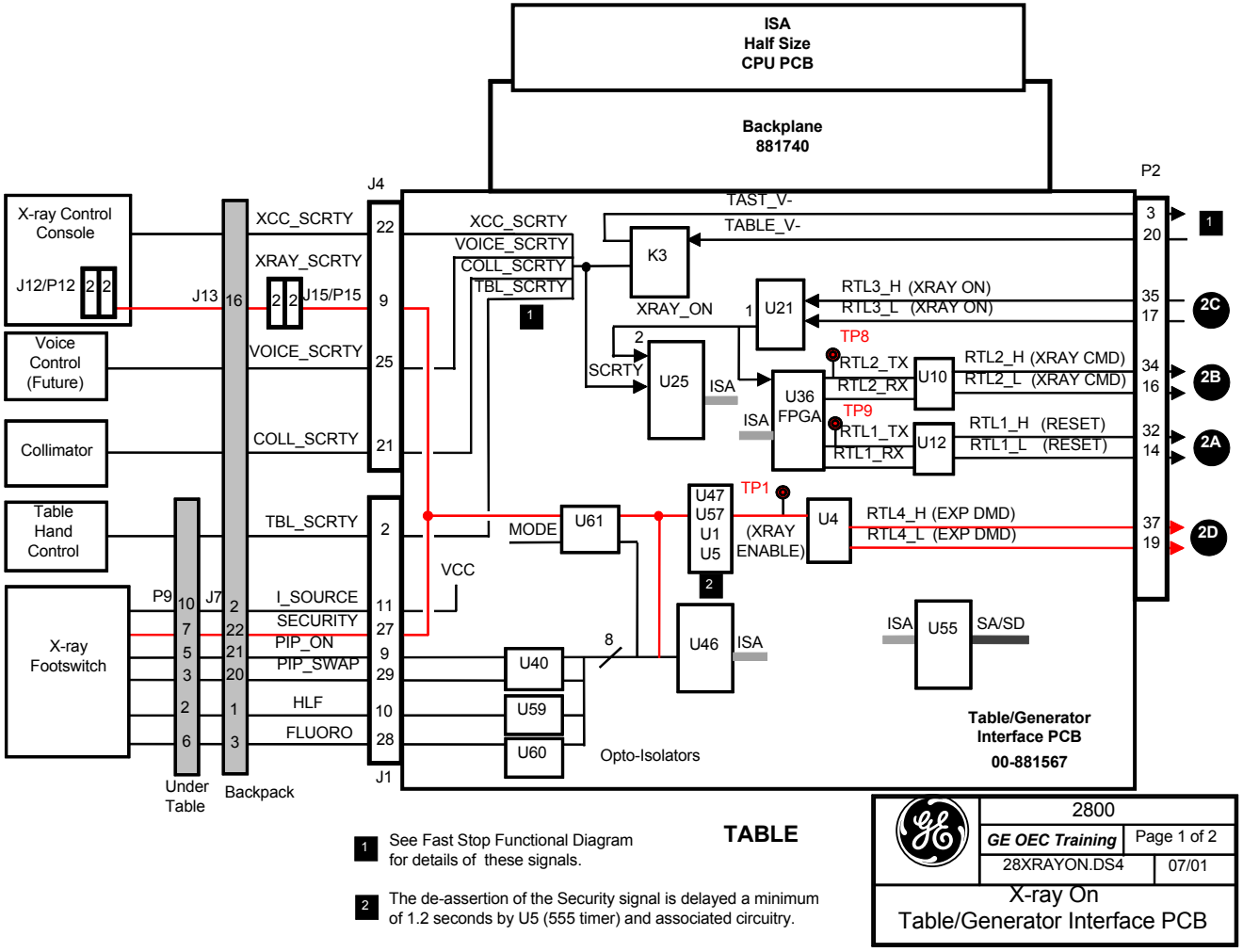
	SYSCOMM.DS4	07/01
System Communications ARCNET Signals		

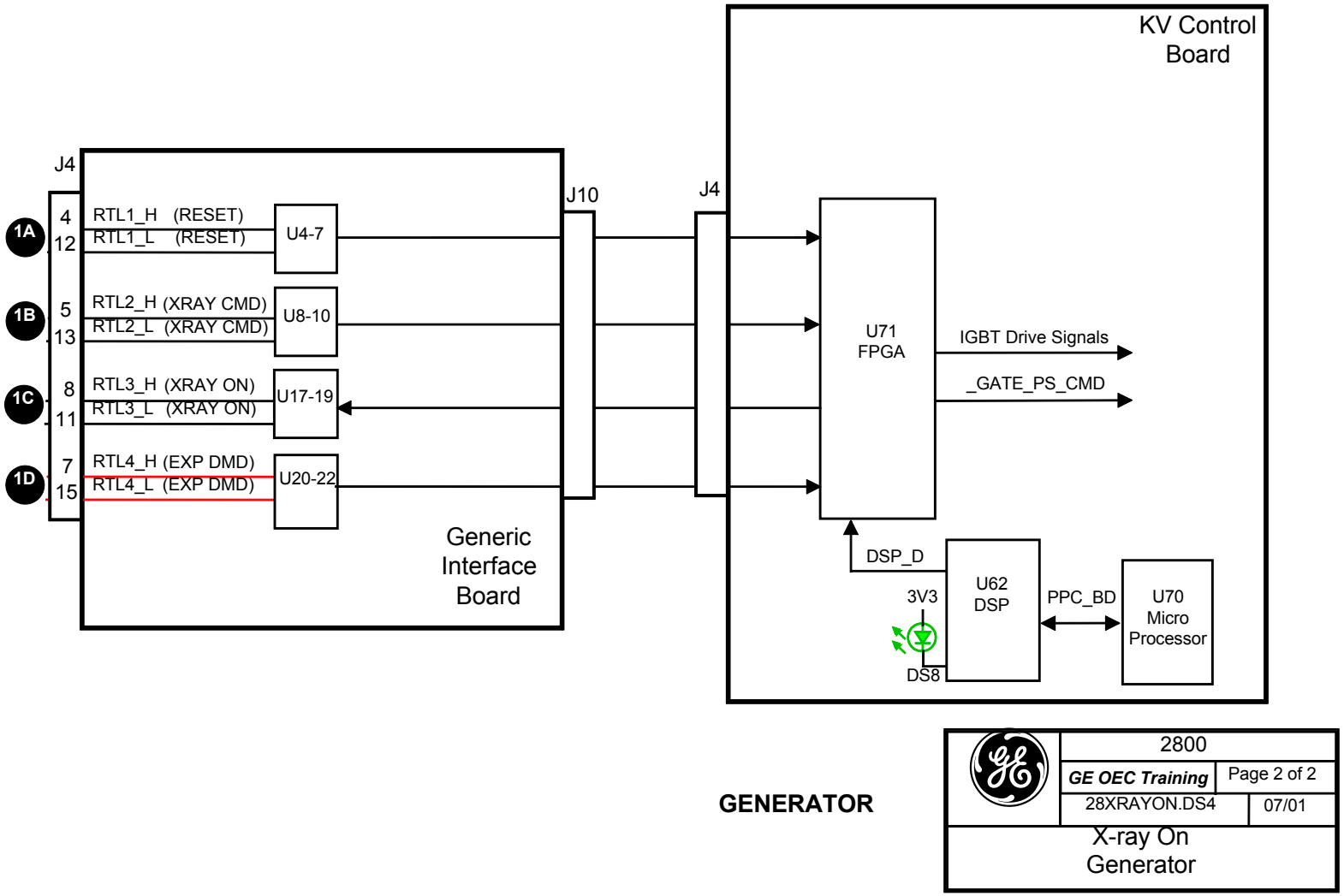
System Communications –ARCNET Signals



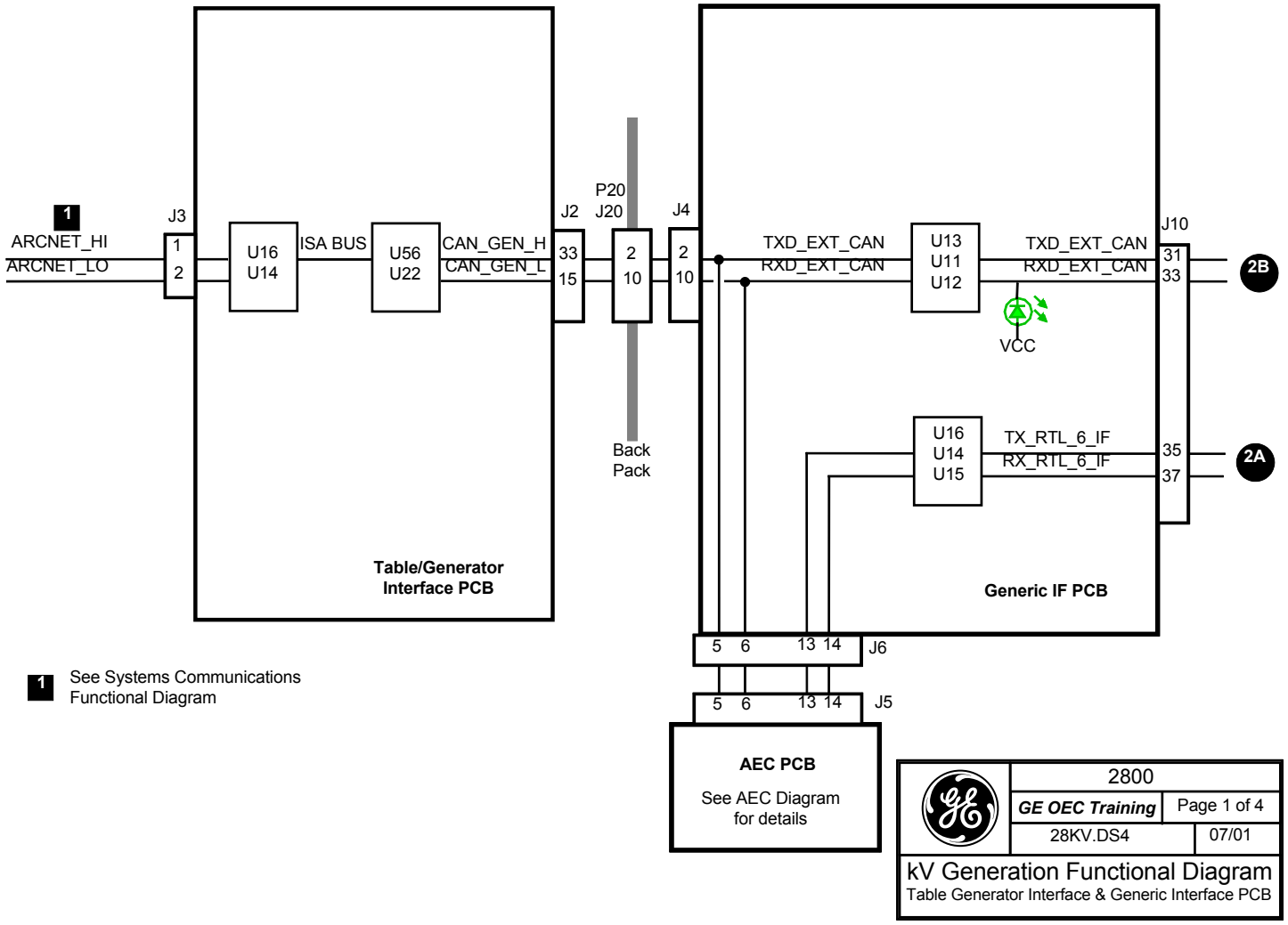
X-ray Tube Stator Control and Temperature Sensing



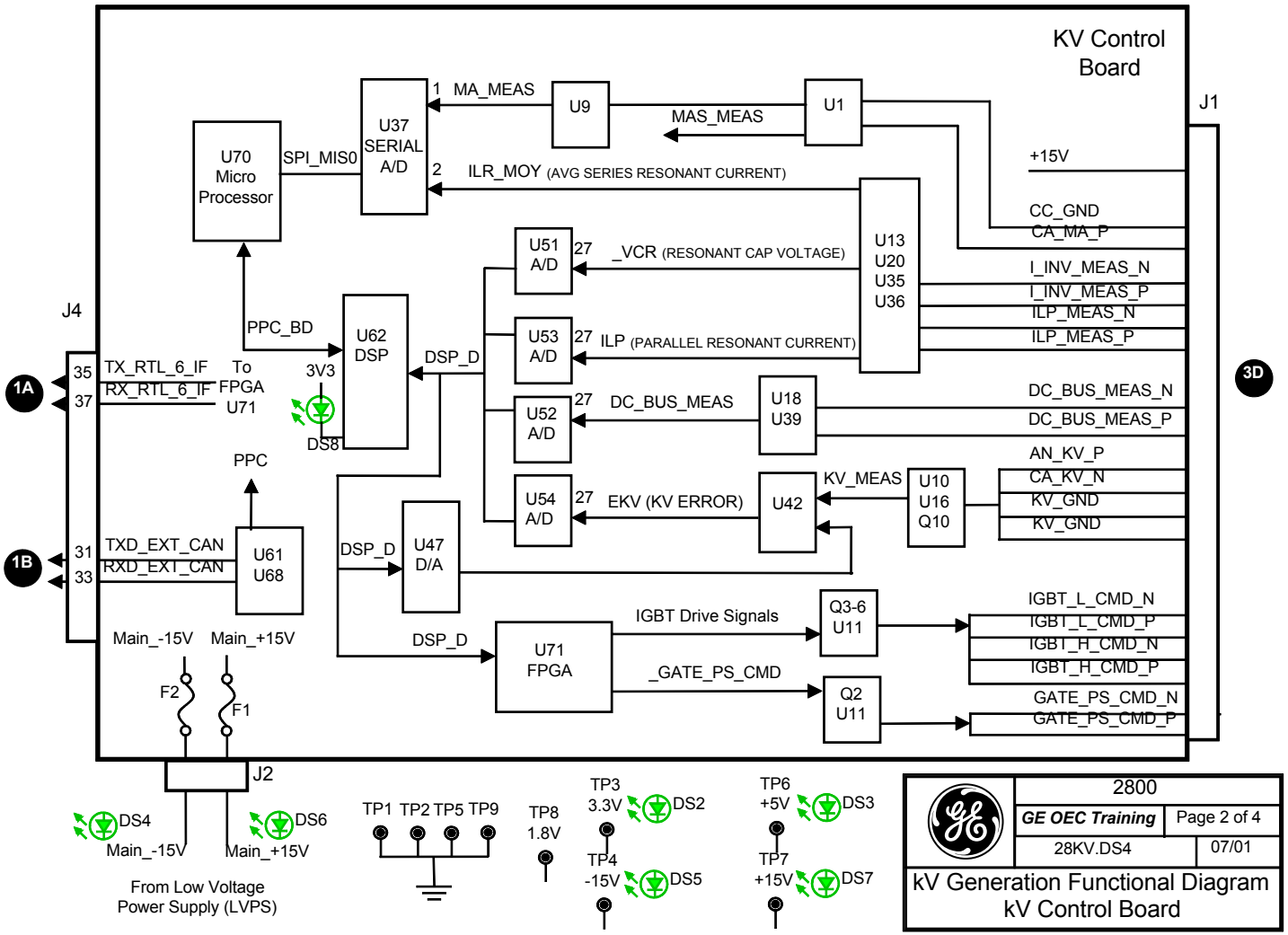
X-ray On – Table/Generator Interface PCB



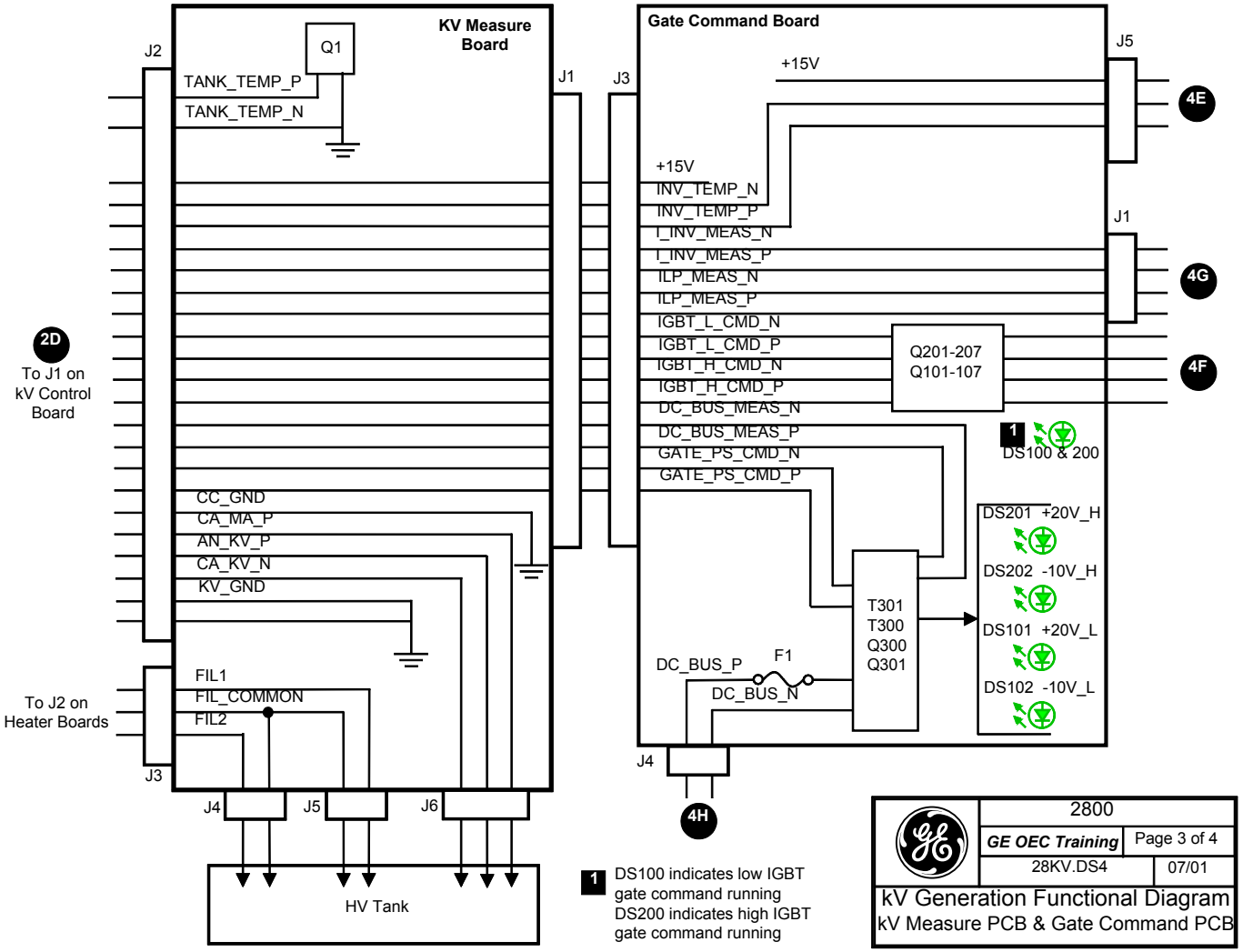
X-ray On – Generator



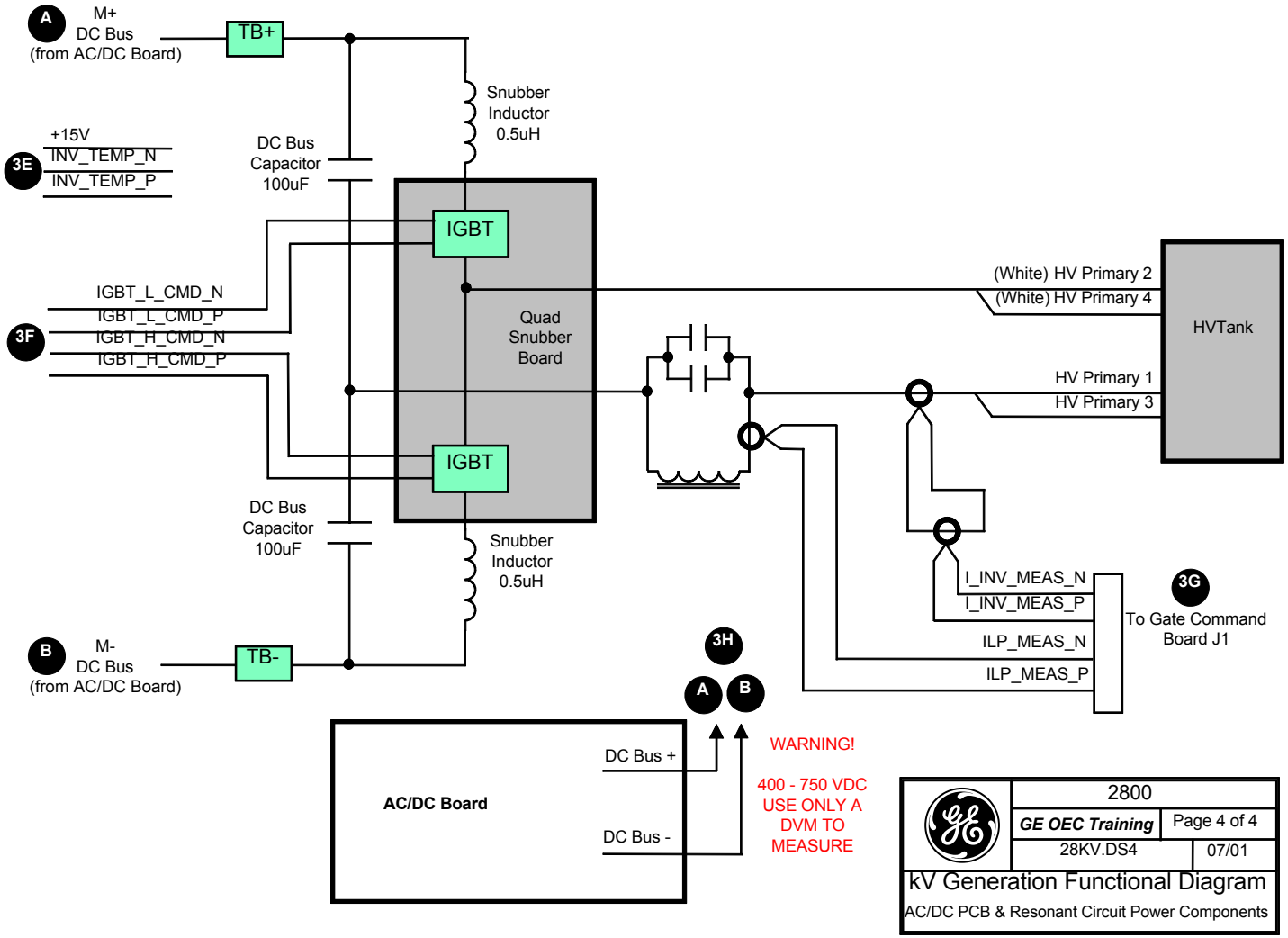
kV Generation Functional Diagram – Table/Generator Interface & Generic Interface PCB



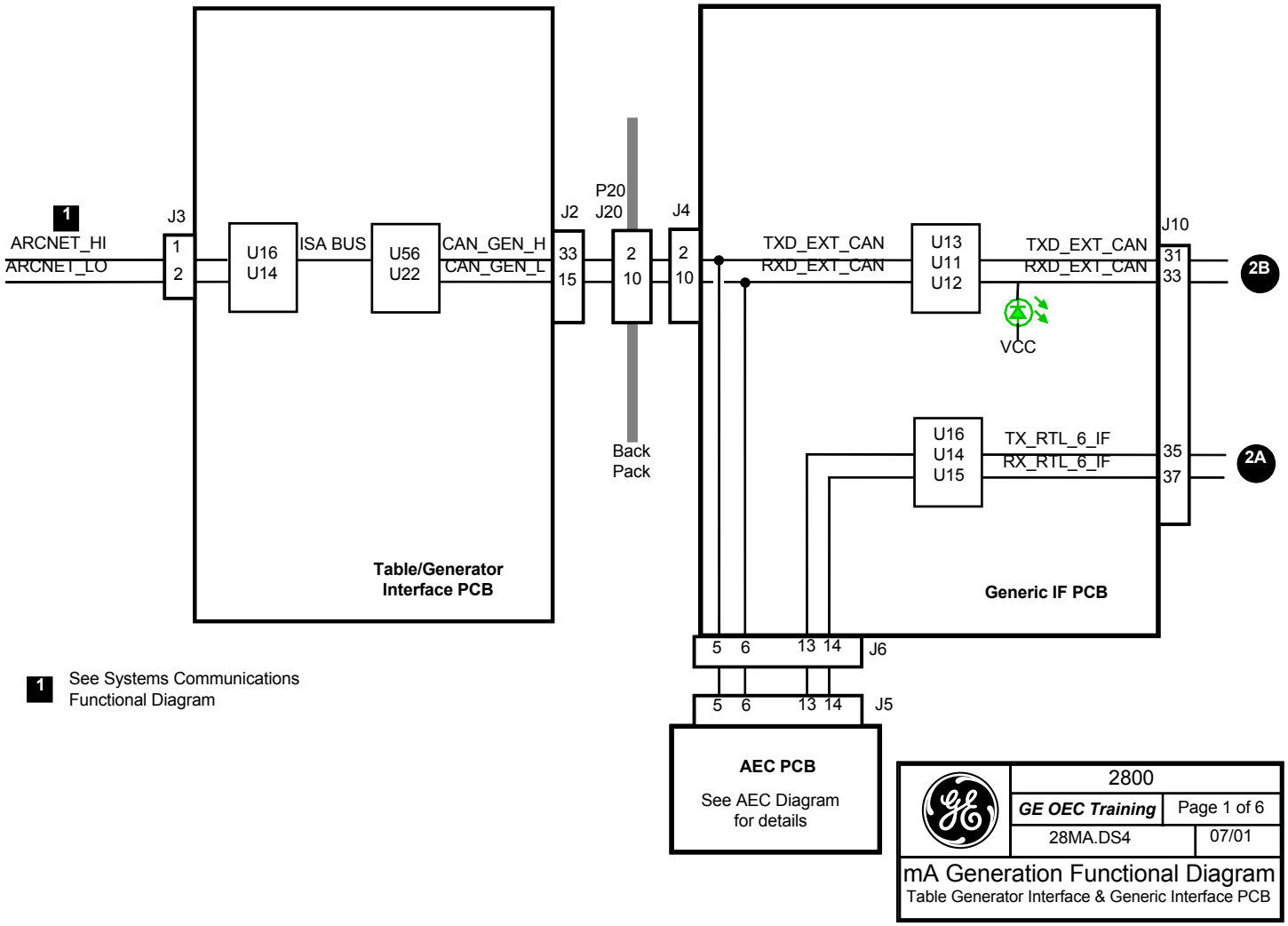
kV Generation Functional Diagram – kV Control Board



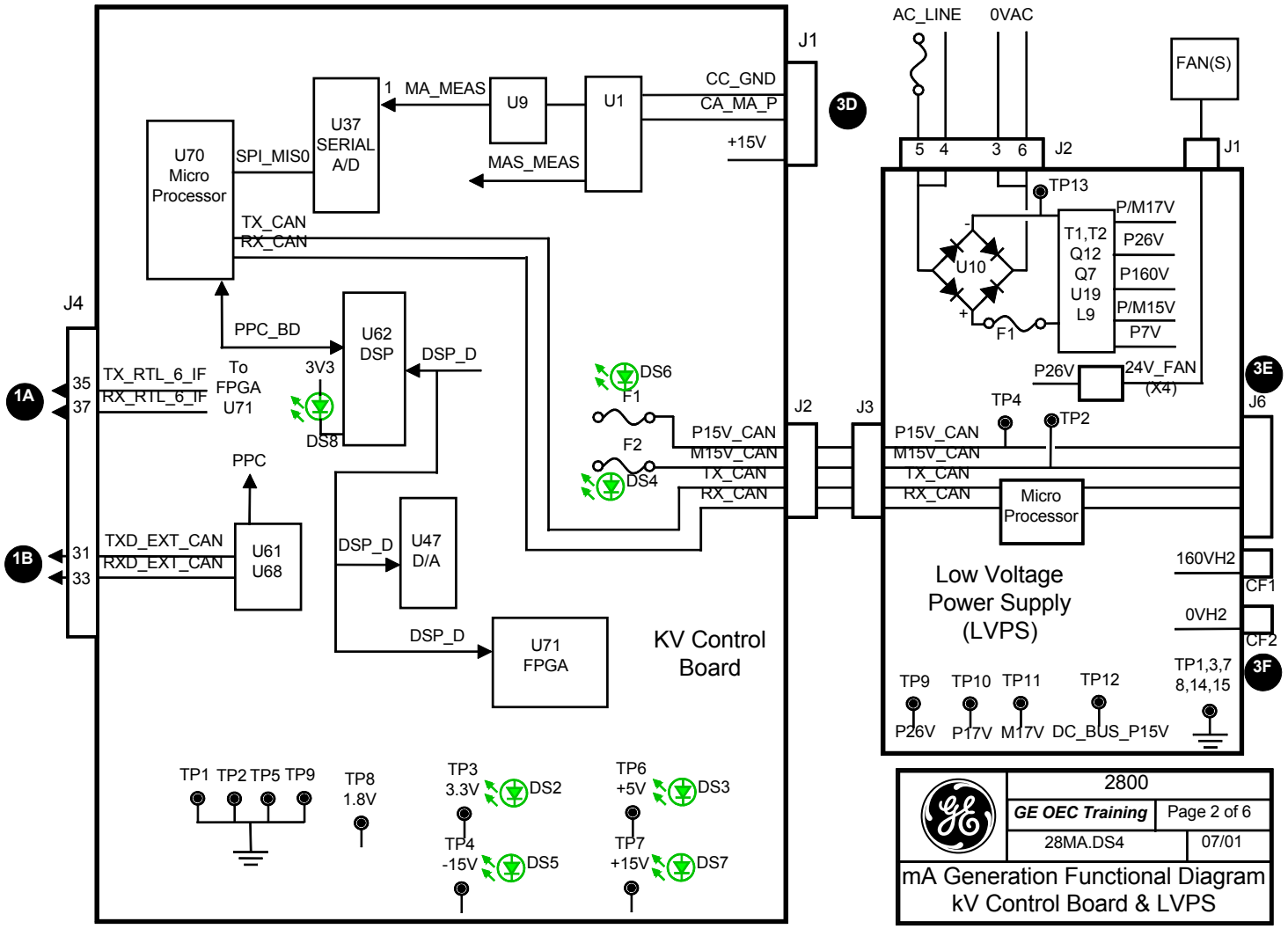
kV Generation Functional Diagram – kV Measure PCB & Gate Command PCB



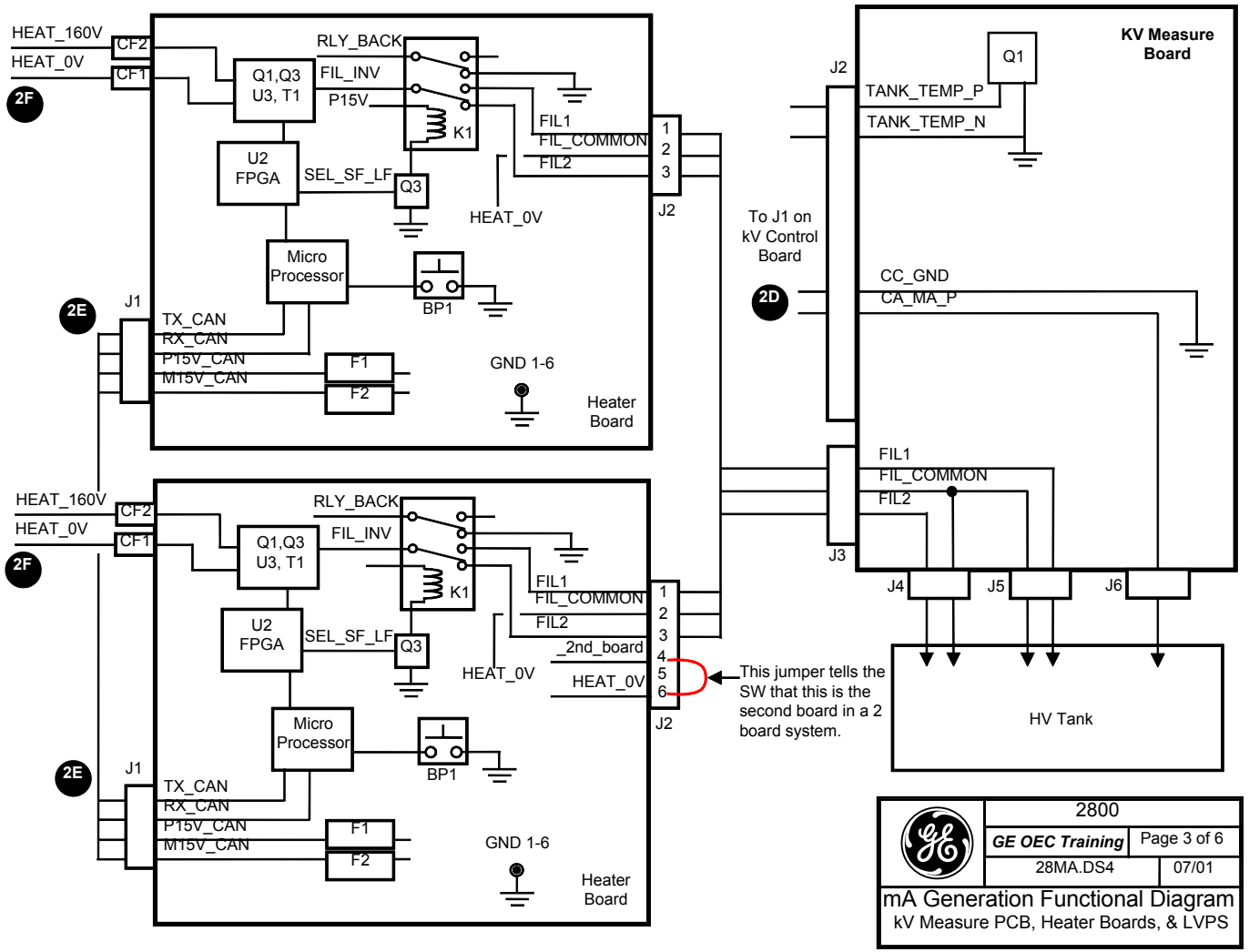
kV Generation Functional Diagram – AC/DC PCB & Resonant Circuit Power Components



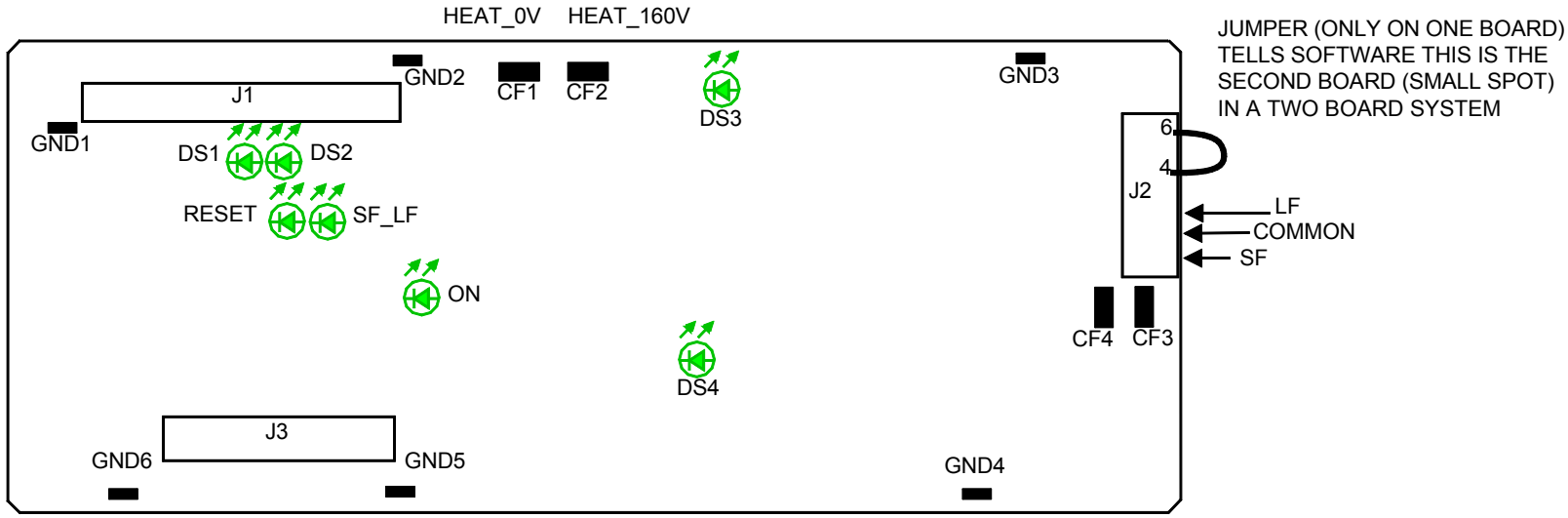
mA Generation Functional Diagram – Table/Generator Interface & Generic Interface PCB



mA Generation Functional Diagram – kV Control Board & LVPS



mA Generation Functional Diagram – kV Measure PCB, Heater boards, & LVPS



LEDs:
DS1-YELLOW-STATUS-BLINKING
DS2-YELLOW-STATUS-BLINKING
DS3-GREEN-+160VDC PRESENT
DS4-YELLOW-INVERTER OUTPUT RUNNING
ON-YELLOW-INVERTER COMMAND ON
SF_LF-YELLOW-SMALL/LARGE FOCAL SPOT RELAY FEEDBACK
RESET-RED-PCB POWER UP OR RESET

GND1-6 GROUND PADS

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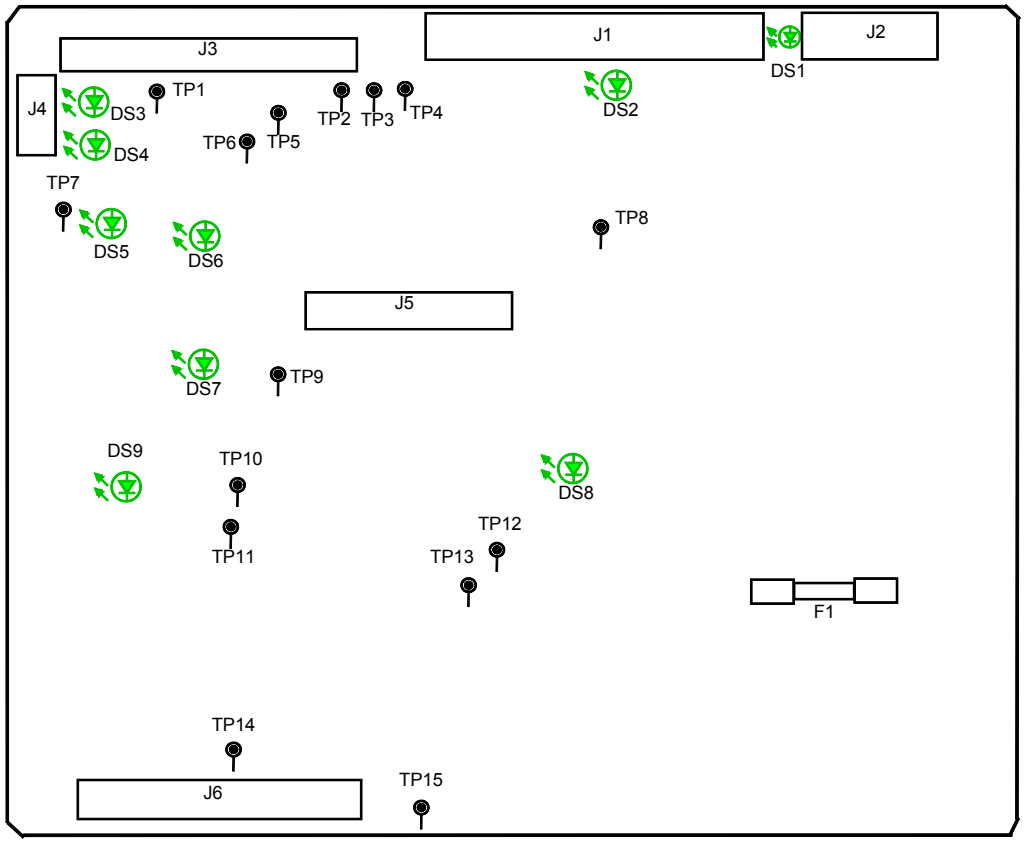
mA Generation Functional Diagram Heater Board LEDs		

mA Generation Functional Diagram – Heater Board LEDs



LEDs:
DS1-GREEN 15V EXTERNAL
DS2-GREEN 24V GATE
DS3&4-YELLOW STATUS
Blinks On/Off if uP OK
DS5-RED Reset uP
DS6-GREEN -15V INTERNAL
DS7-GREEN +15V INTERNAL
DS8-ORANGE NEON
Indicates presence of DC Bus
DS9-160V EXTERNAL

Test Points:
TP1 GND
TP2 -15V_CAN
TP3 GND
TP4 +15V_CAN
TP5 CONS_TT
TP6 _CONS_I_INV
TP7 GND
TP8 GND
TP9 +26V
TP10 +17V
TP11 -17V
TP12 DC_BUS_P15V
TP13 PLAN CUIVRE
(Negative output of bridge rectifier)
TP14 GND
TP15 GND

F1 Positive output of bridge rectifier

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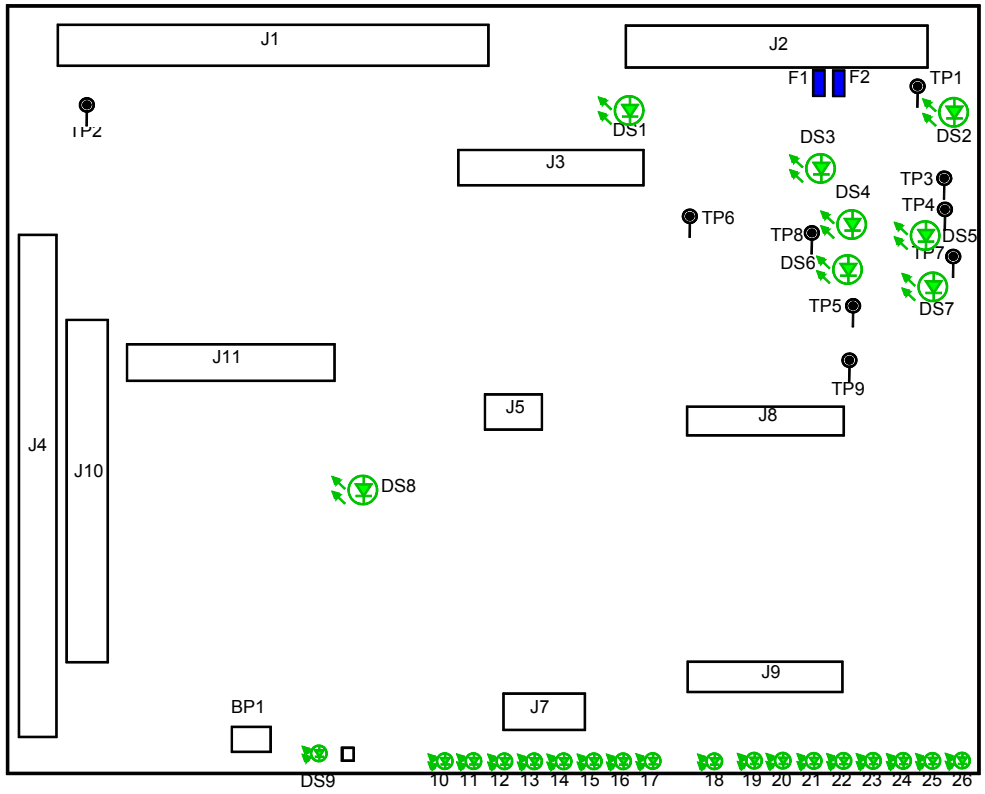
mA Generation Functional Diagram LVPS400 LEDs		

mA Generation Functional Diagram – LVPS400 LEDs



DS1 - Gate Cmd OK - Yellow
DS2 - 3.3V
DS3 - 5V
DS4 - -15V Input
DS5 - -15V Internal
DS6 - +15V Input
DS7 - +15V Internal
DS8 - DSP Ok - Yellow

TP1 - GND
TP2 - GND
TP3 - 3.3V
TP4 - int -15V
TP5 - GND
TP6 - +5V
TP7 - int +15V
TP8 - +1.8V
TP9 - GND

DS19 - 26 (yellow): Error Indication

During Power On Diagnostics the LEDs are off.

When the 8 LEDs are lit successively back and forth from the center, the power up diagnostics are completed, the kV Control PCB is up and running.

When only DS 23 - 26 are lit, a data base checksum problem.An error is logged. Refer to the error code description.

When an application error occurs, DS 20 and 22 blink on and off. When the error is cleared the 8 LEDs are lit successively again.

DS9 (red) FPGA (U71) Configuration not accomplished
DS10 (red) :Board being reset
DS11 (red): Microprocessor halted
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DS13 (yellow): T_CAN_X (system CAN bus transmit)
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DS17 (yellow): RX_CONS (receive from console)
DS18: future use

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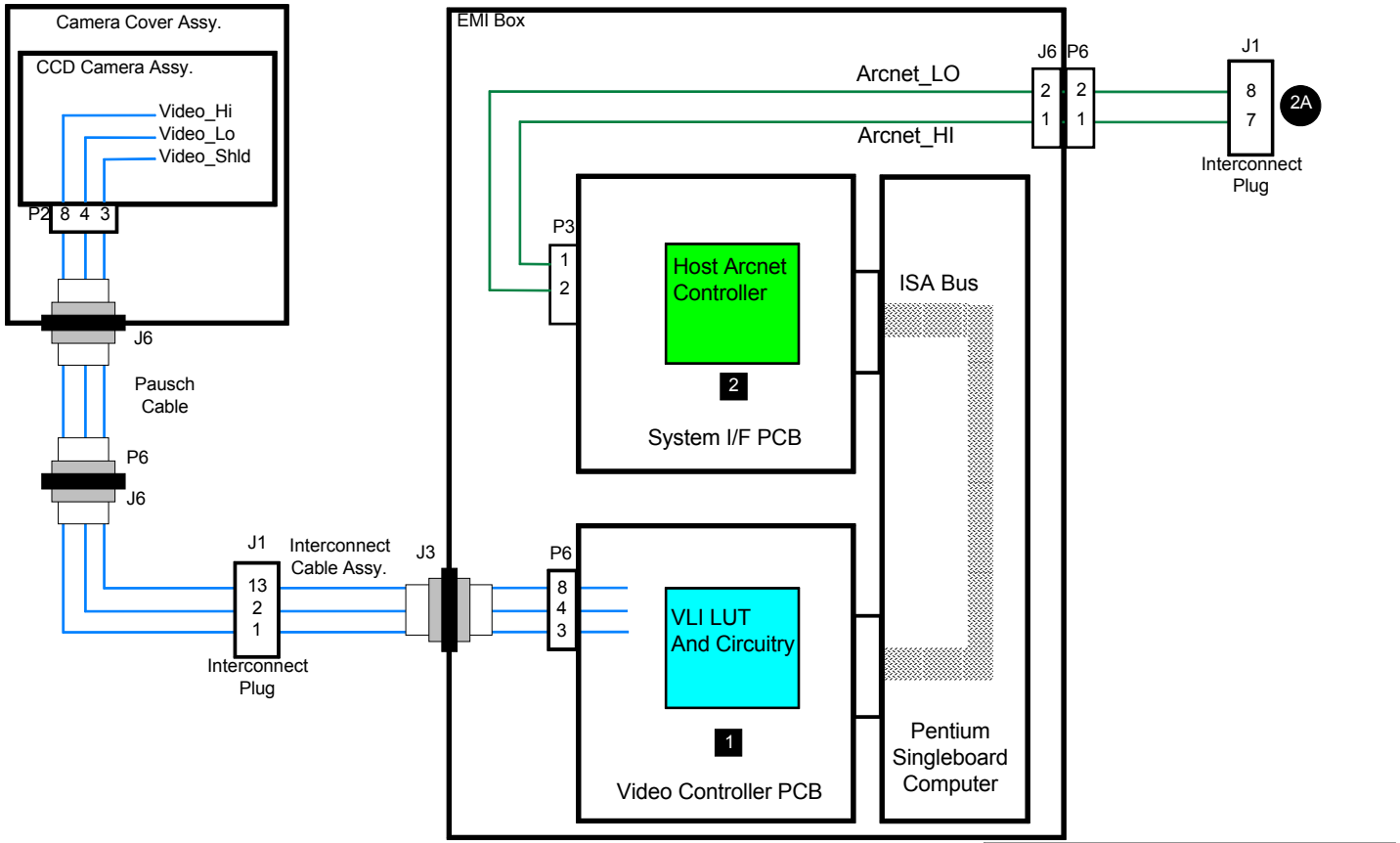
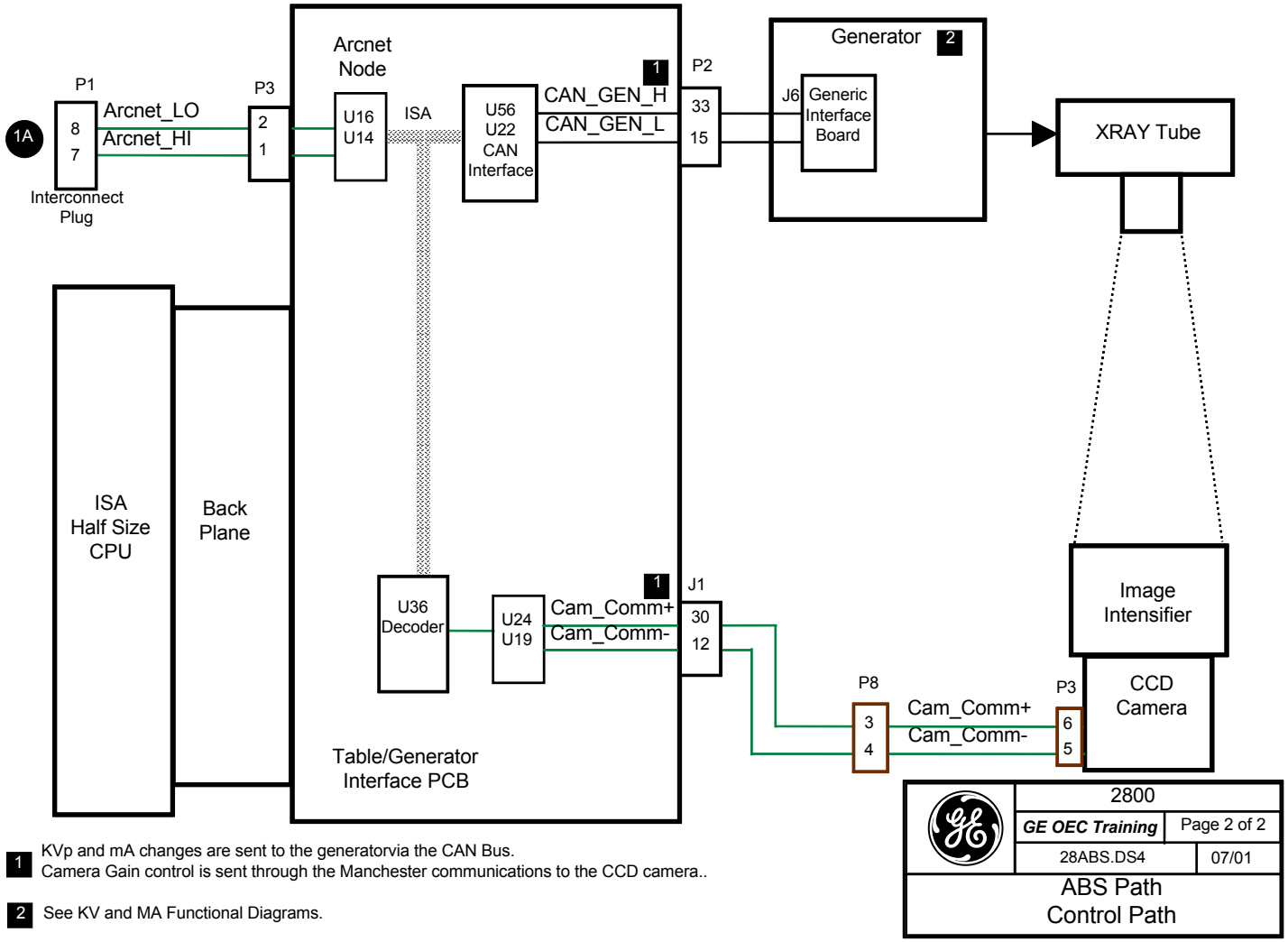
	28MA.DS4	07/01
mA Generation Functional Diagram kV Control Board LEDs		

mA Generation Functional Diagram – kV Control Board LEDs



ABS Path – Video Path



1 KVp and mA changes are sent to the generatorvia the CAN Bus.
Camera Gain control is sent through the Manchester communications to the CCD camera..

2 See KV and MA Functional Diagrams.

ABS Path

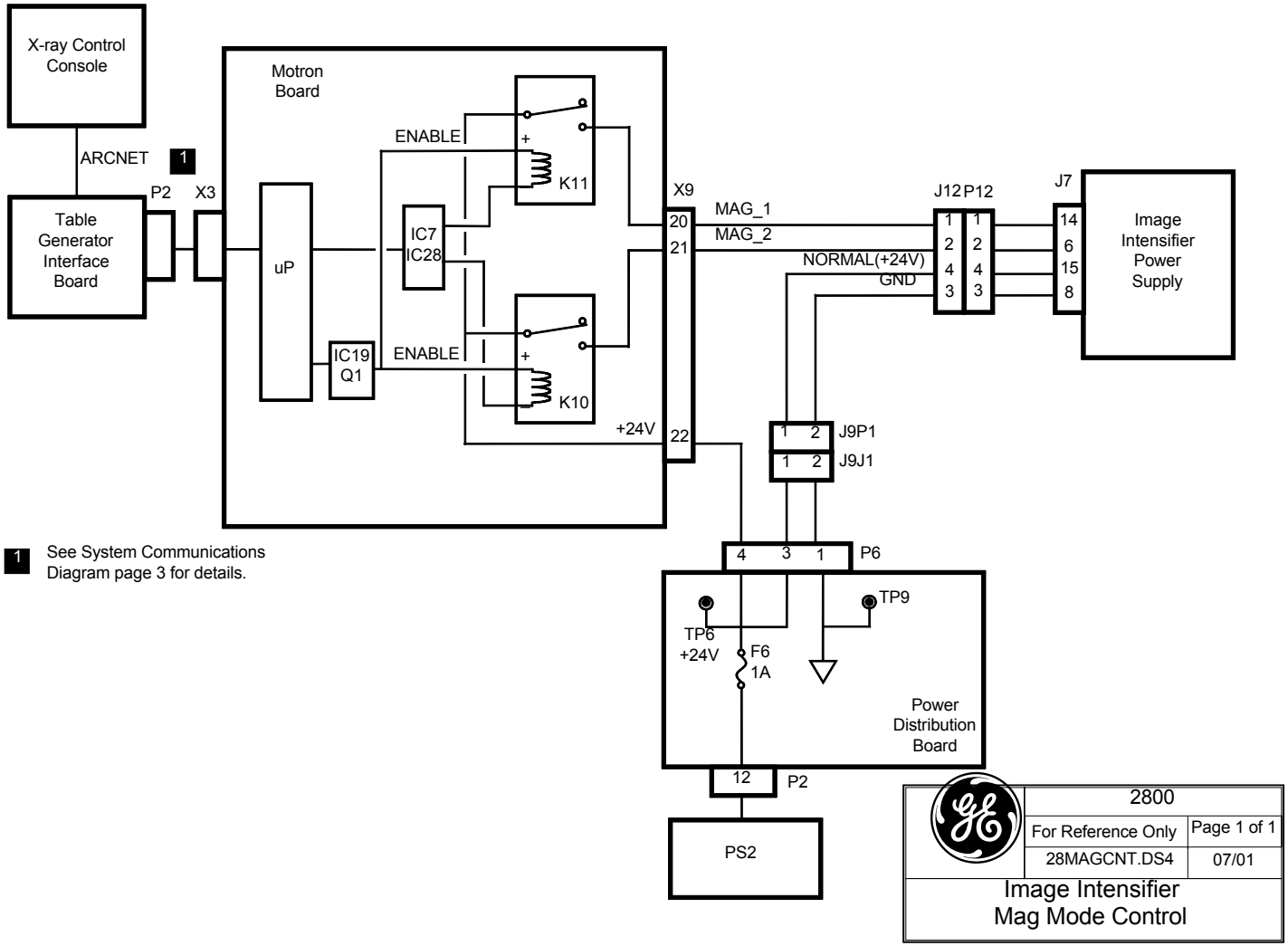
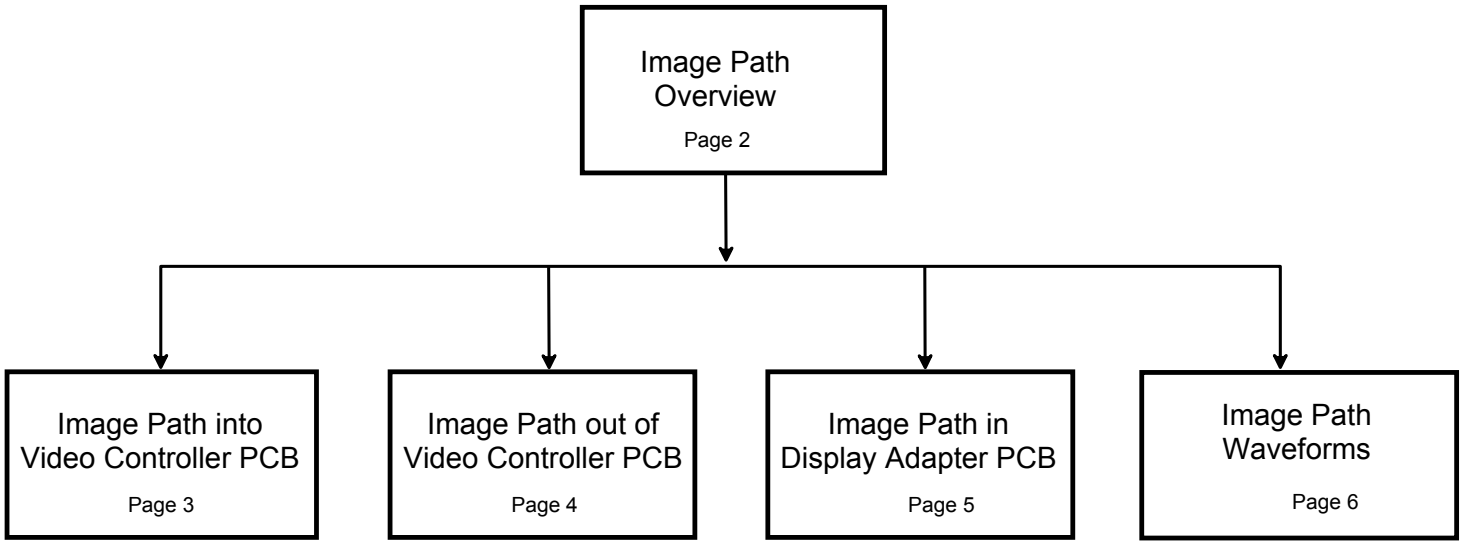


Image Intensifier – Mag Mode Control



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	28IMAGEP.DS4	07/01
Image Path Functional Diagram Map		

Image Path - Functional Diagram Map

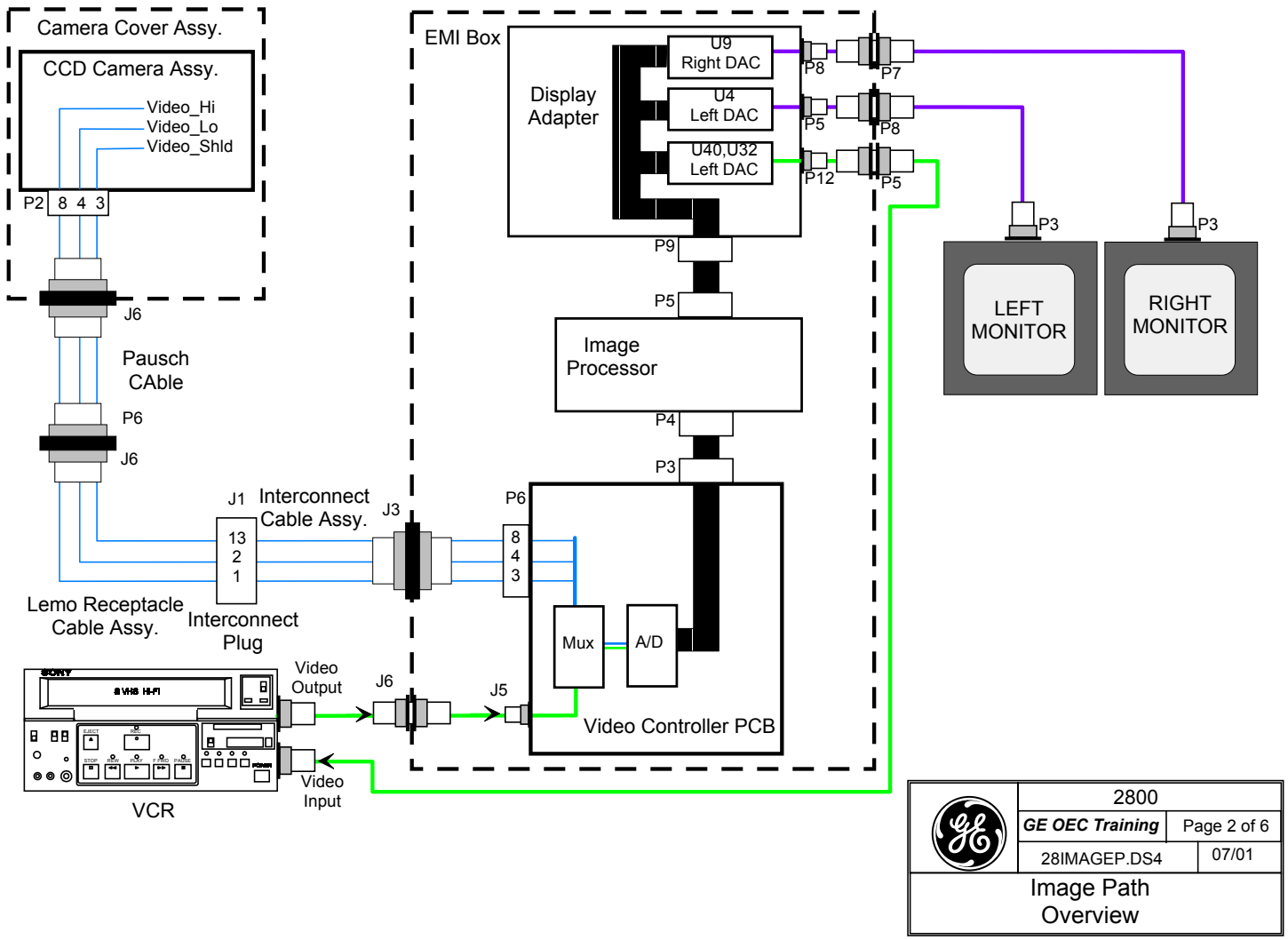

Image Path Overview

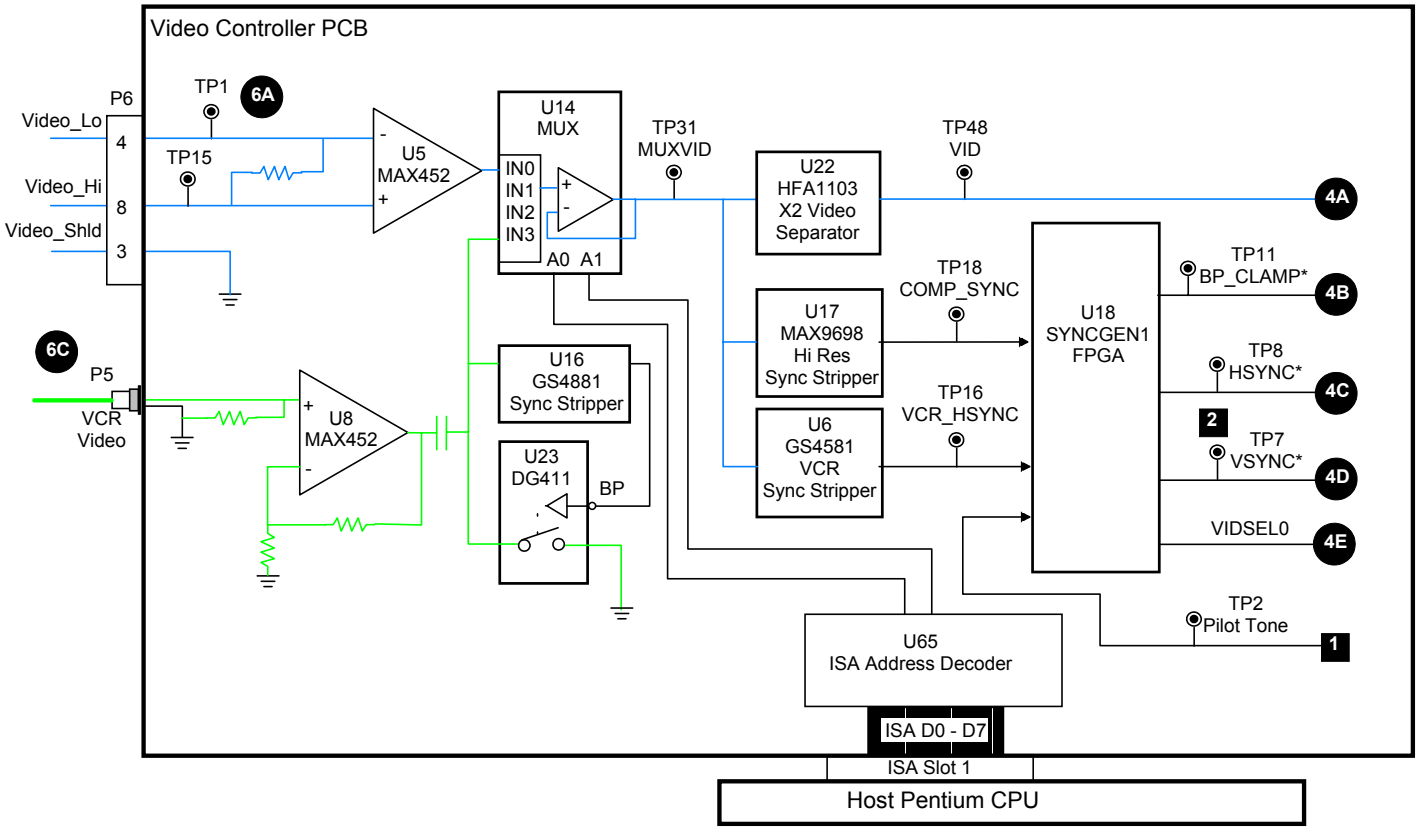

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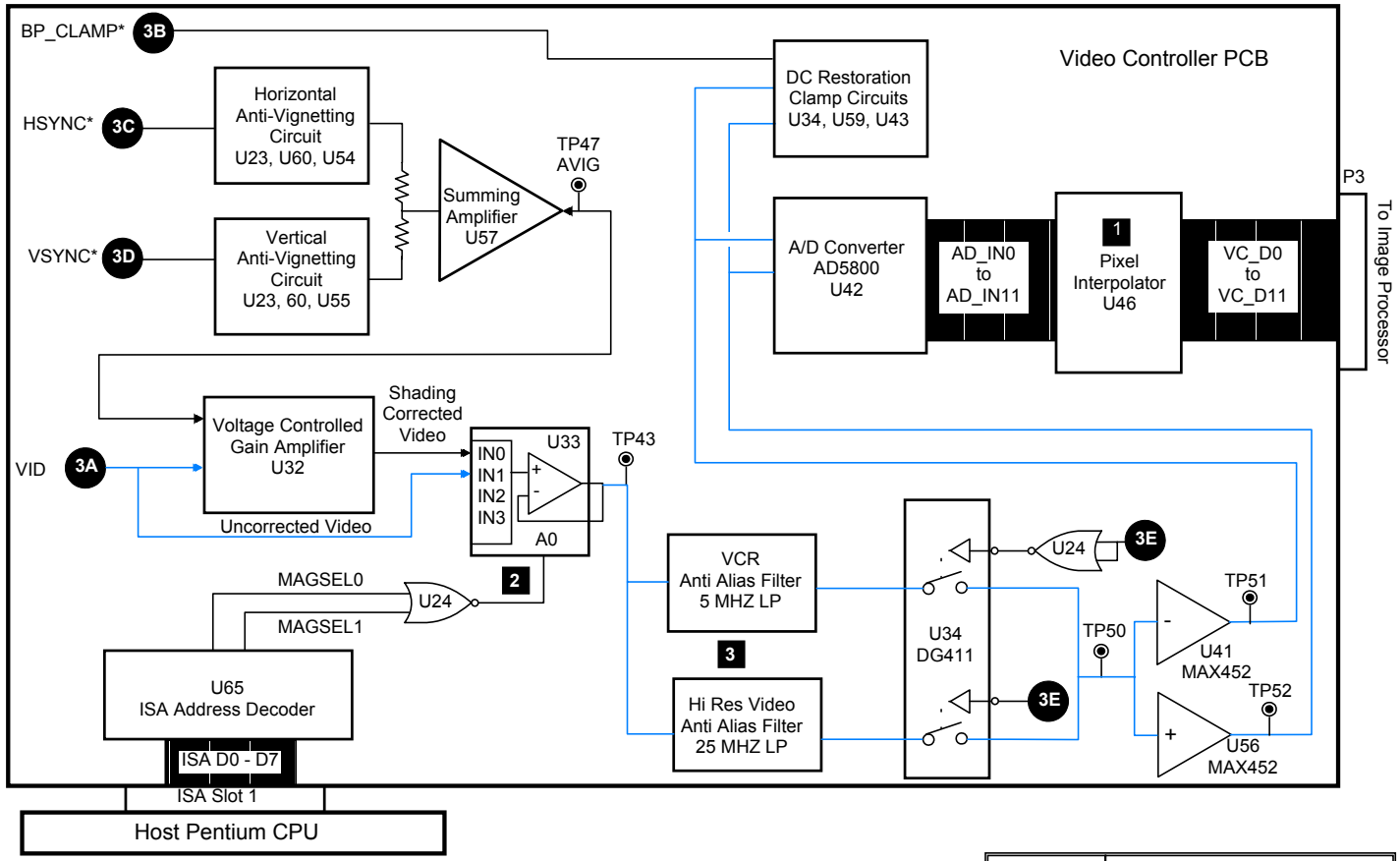
Image Path into Video Controller PCB	

1 See Pilot Tone Functional Diagram page 1 of 1.

2 See Frame Sync Functional Diagram page 1 of 2.

Image Path into Video Controller PCB



1 Interpolates value of low scan VCR video to high scan format.

2 Shading corrected video is applied in Normal image tube field size. Uncorrected video is applied in Mag 1, Mag 2 image tube field size.

3 25 mHz filter is used when aquiring video during X-Rays. 5 mHz filter is used when reviewing video from a VCR.

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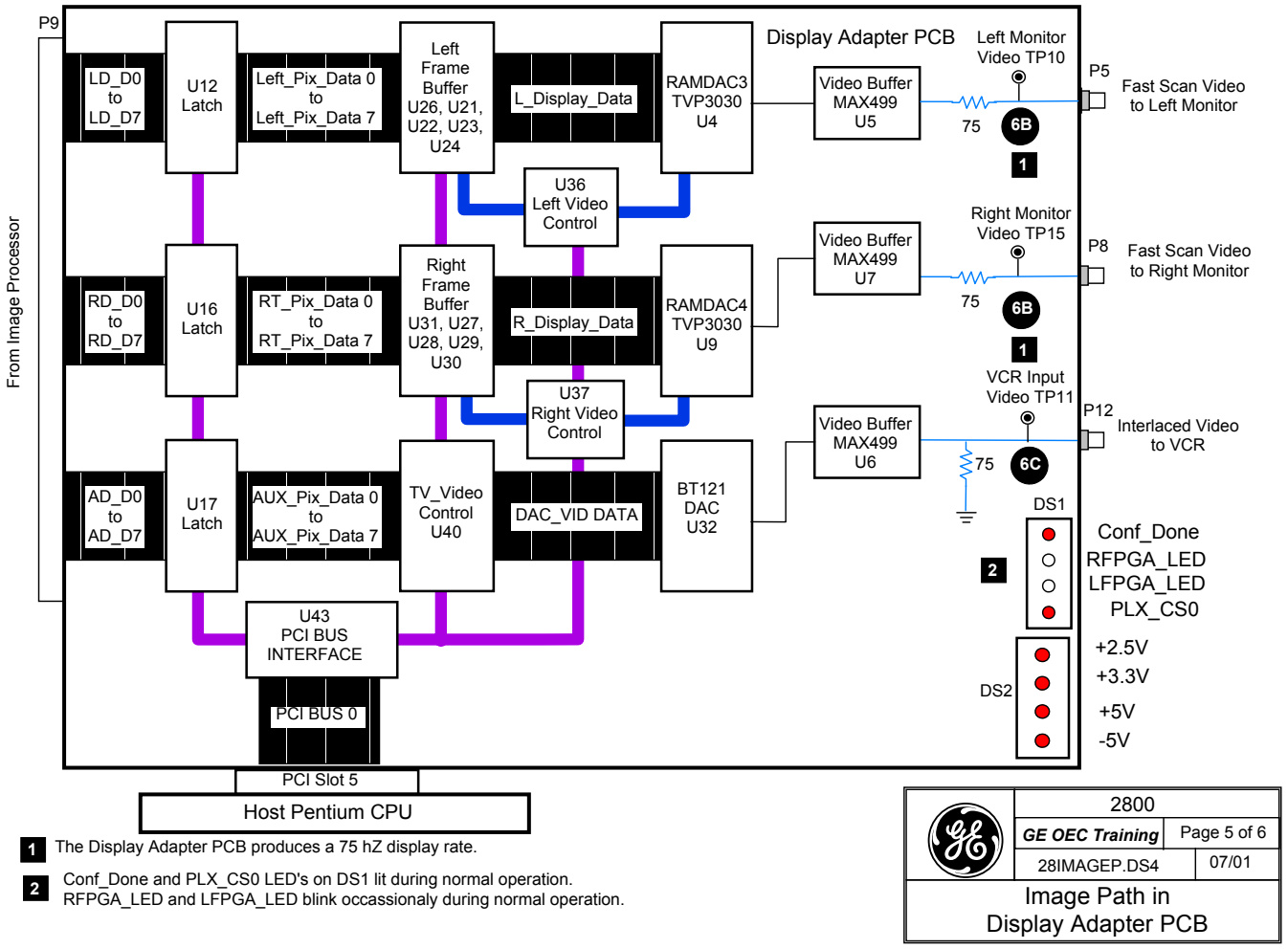
	28IMAGEP.DS4	07/01
Image Path out of Video Controller PCB		

Image Path Out of Video Controller PCB



1 The Display Adapter PCB produces a 75 hZ display rate.

2 Conf_Done and PLX_CS0 LED's on DS1 lit during normal operation.
RFPGA_LED and LFPGA_LED blink occassionaly during normal operation.

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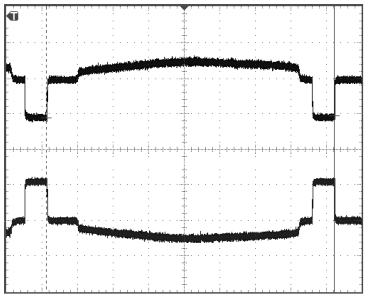
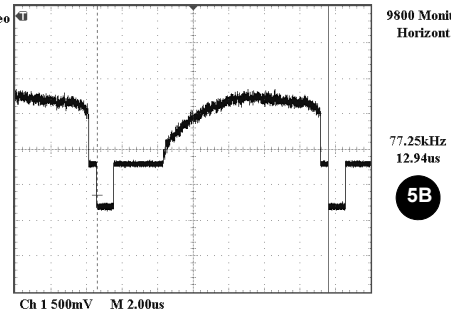
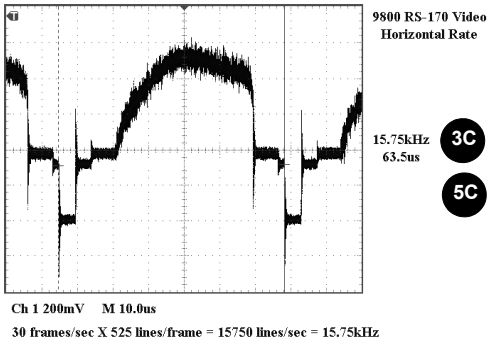
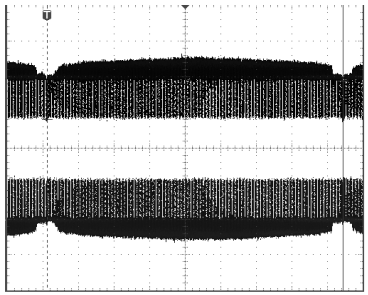
	28IMAGEP.DS4 — 07/01
Image Path in Display Adapter PCB	

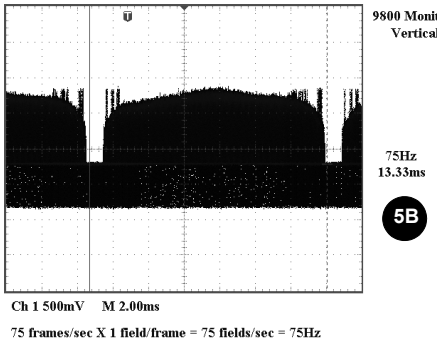
Image Path in Display Adapter PCB

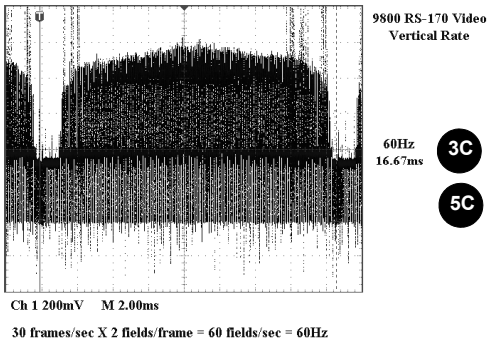












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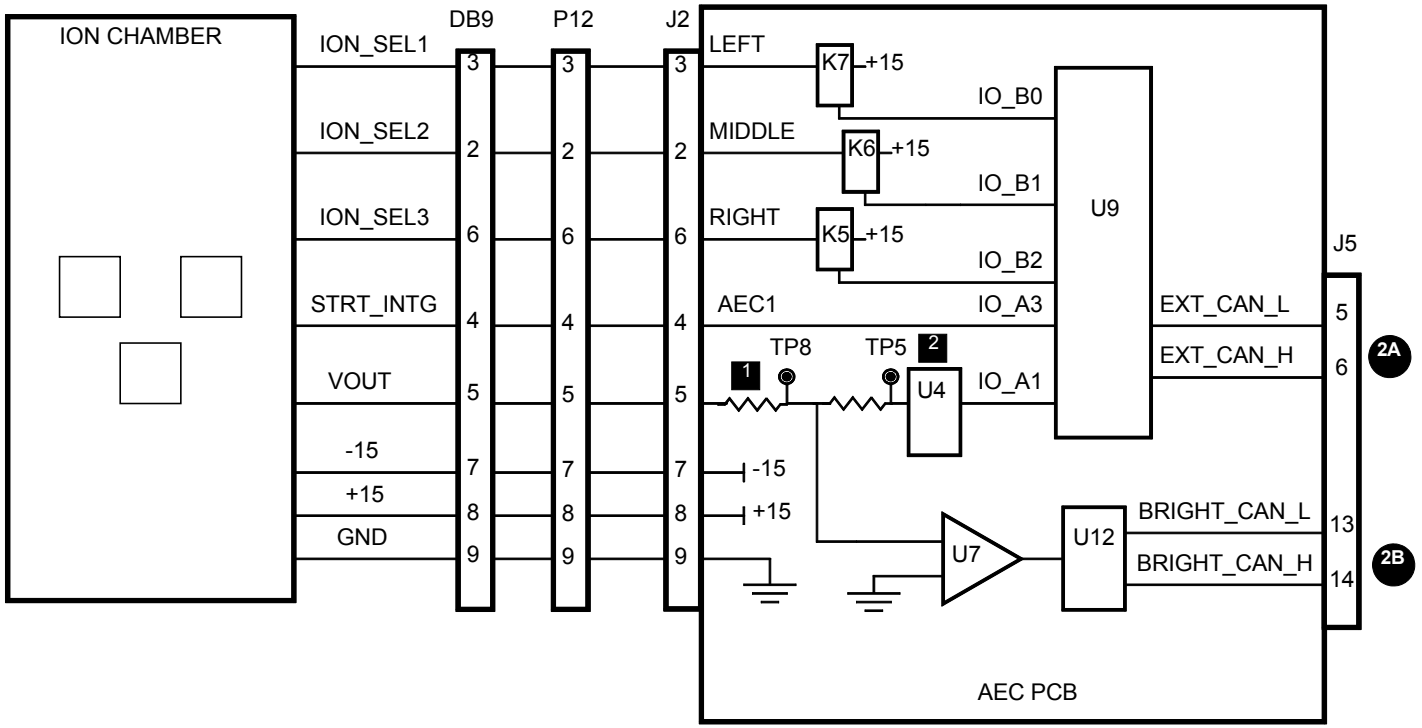
	28IMAGEP.DS4	07/01
Image Path Waveforms		

Image Path Waveforms



1 TP8 voltage ramps up until desired optical density is acheived.

2 TP5 voltage (CLR_CAP) clears Vout for next shot.

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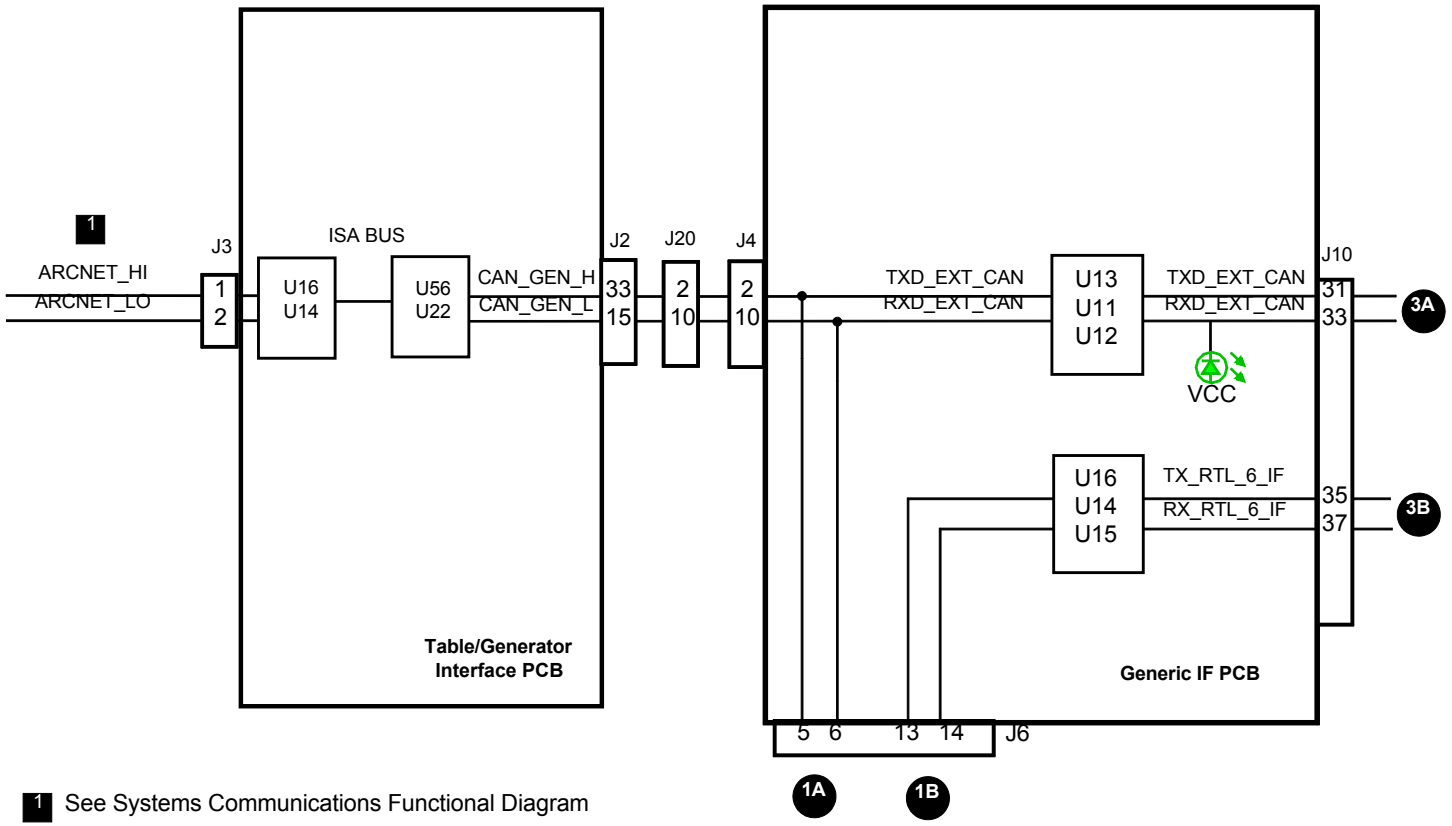
	GE OEC Training	Page 1 of 3
	28AEC.DS4	08/01
AEC Functional Diagram		

AEC Functional Diagram



1 See Systems Communications Functional Diagram

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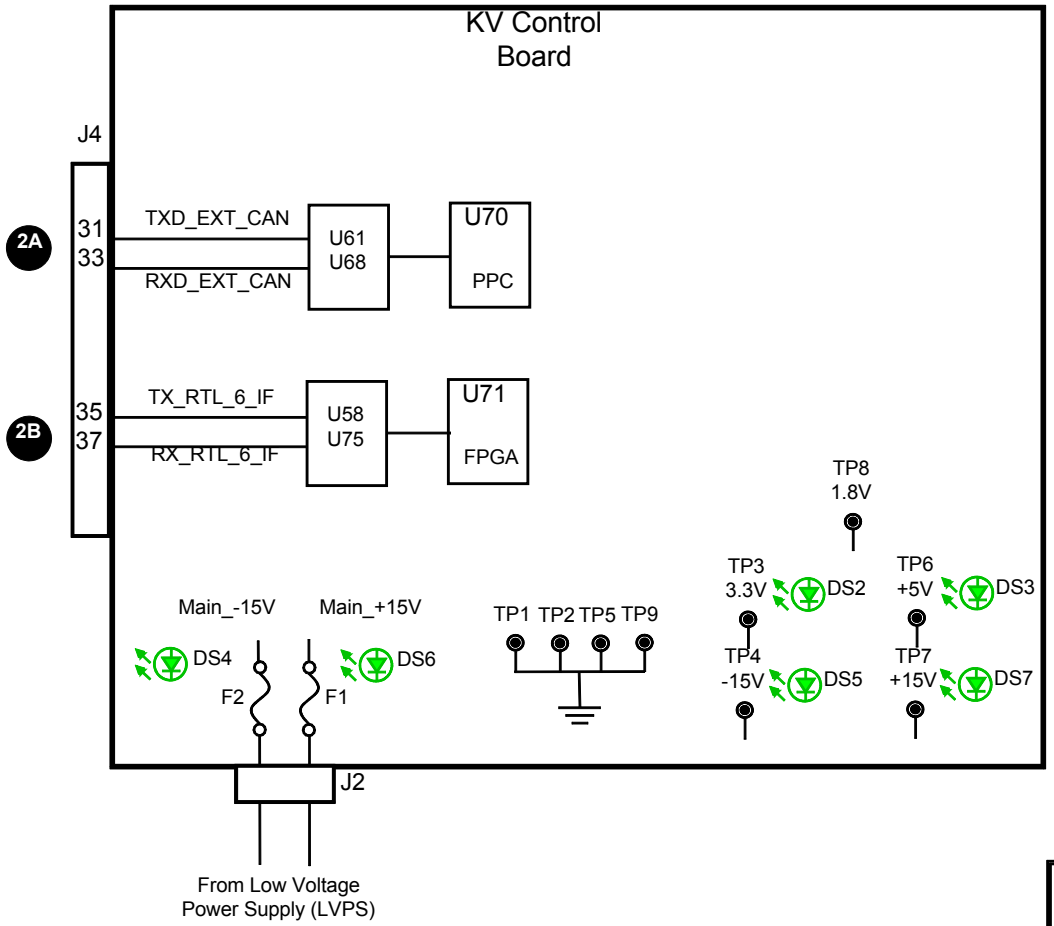
	GE OEC Training	Page 2 of 3
	28AEC.DS4	08/01
AEC Functional Diagram		

AEC Functional Diagram



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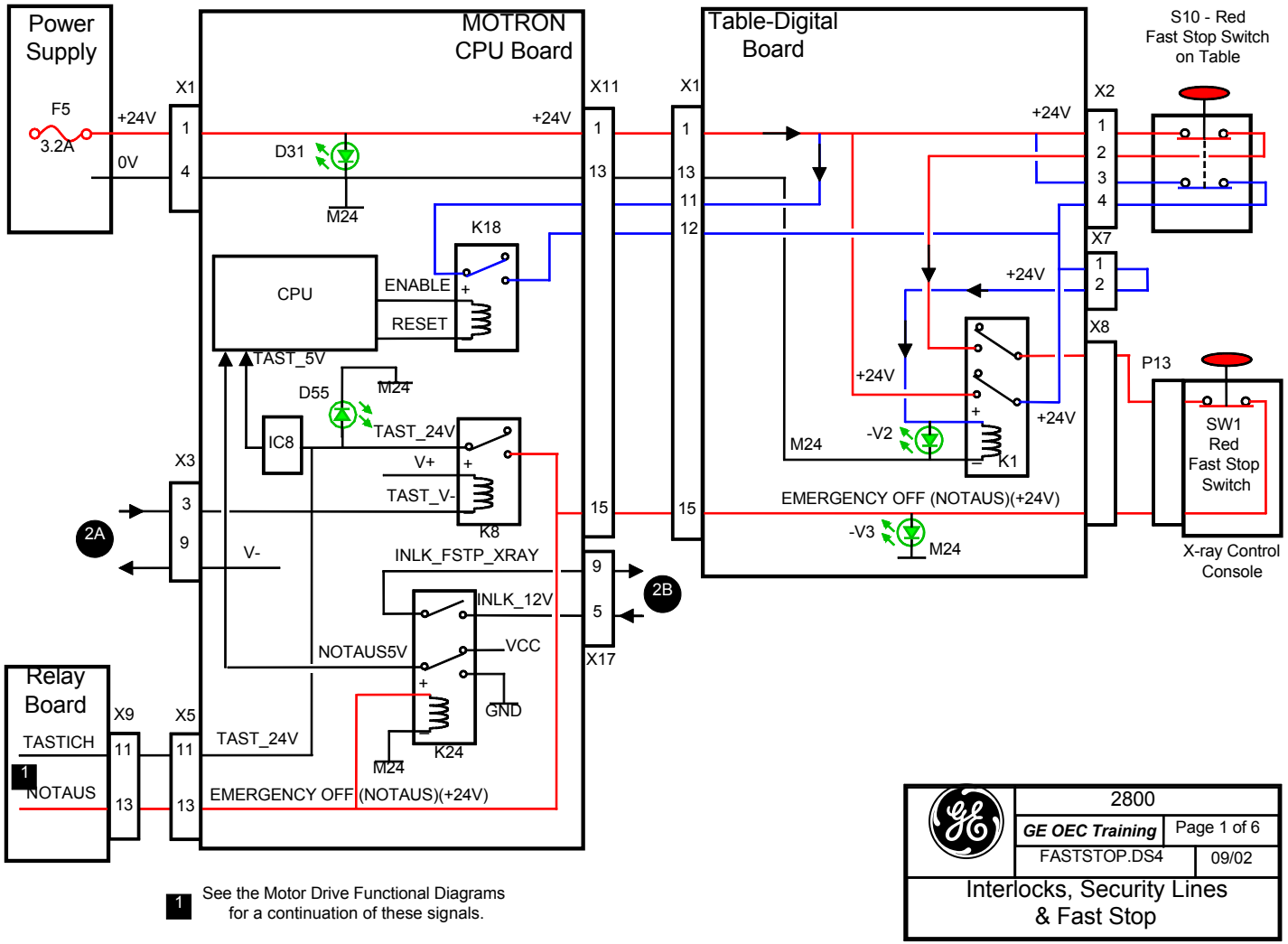
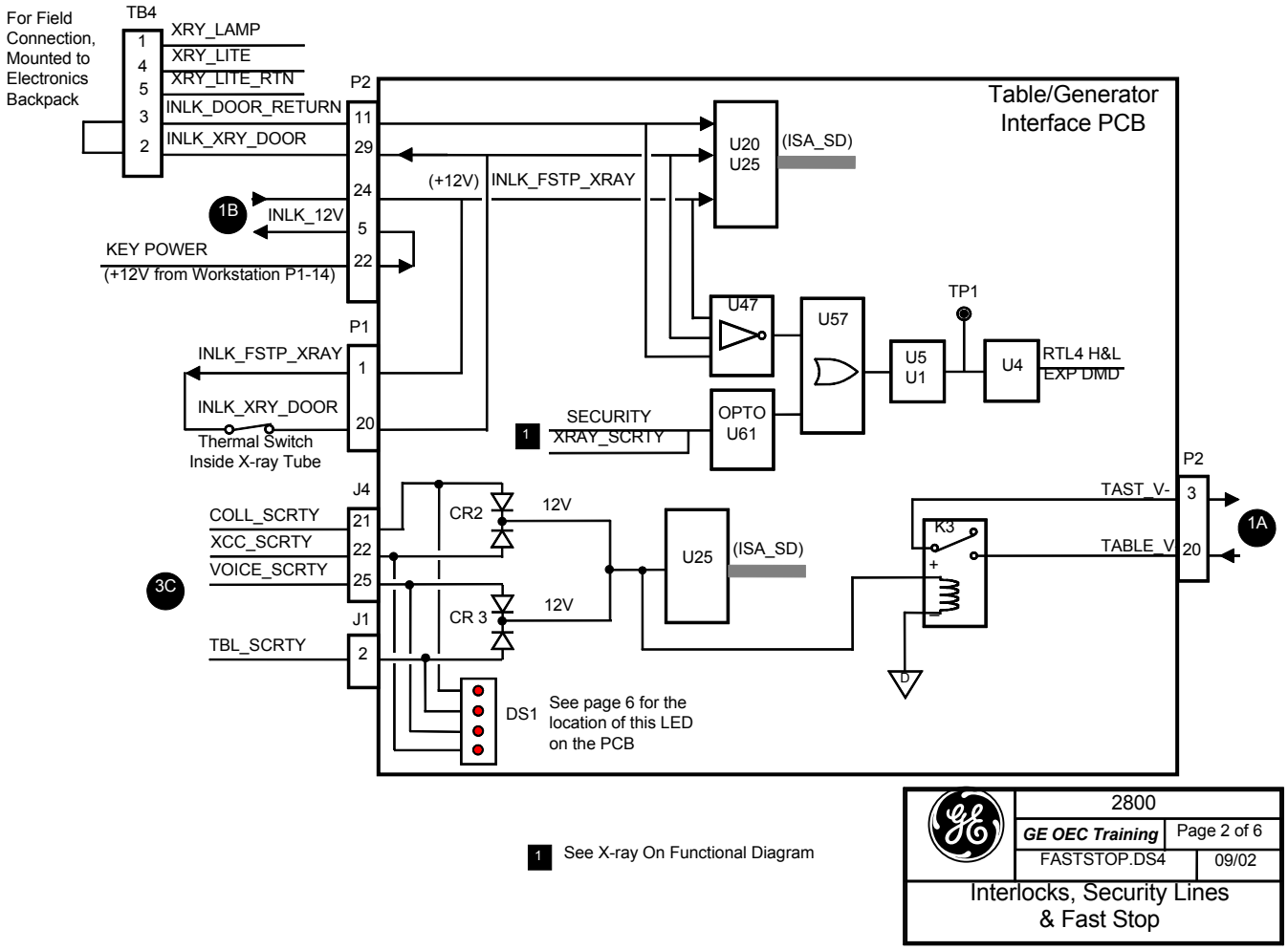
GE OEC Training	Page 3 of 3
28AEC.DS4	08/01
AEC Functional Diagram	

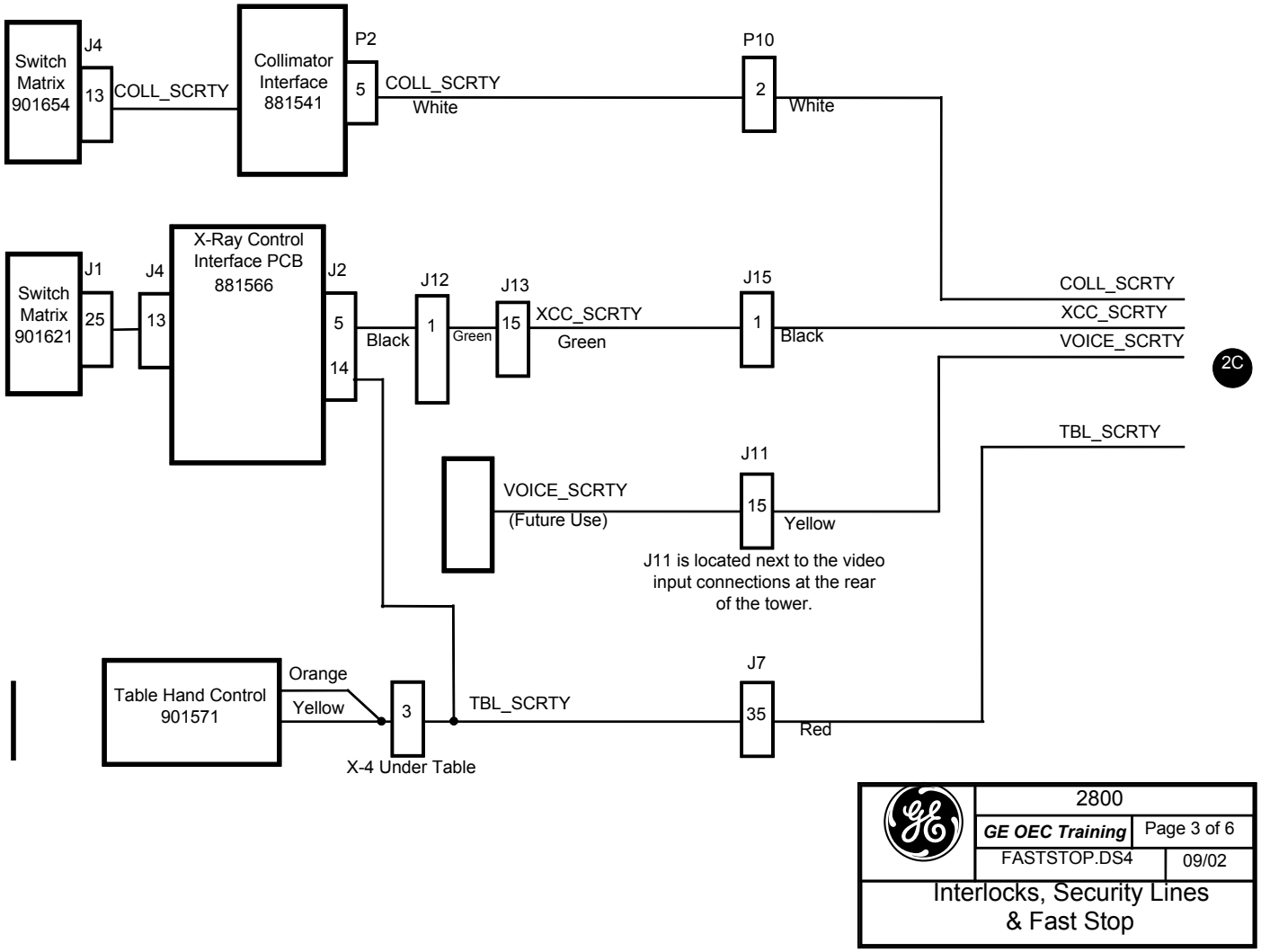
AEC Functional Diagram



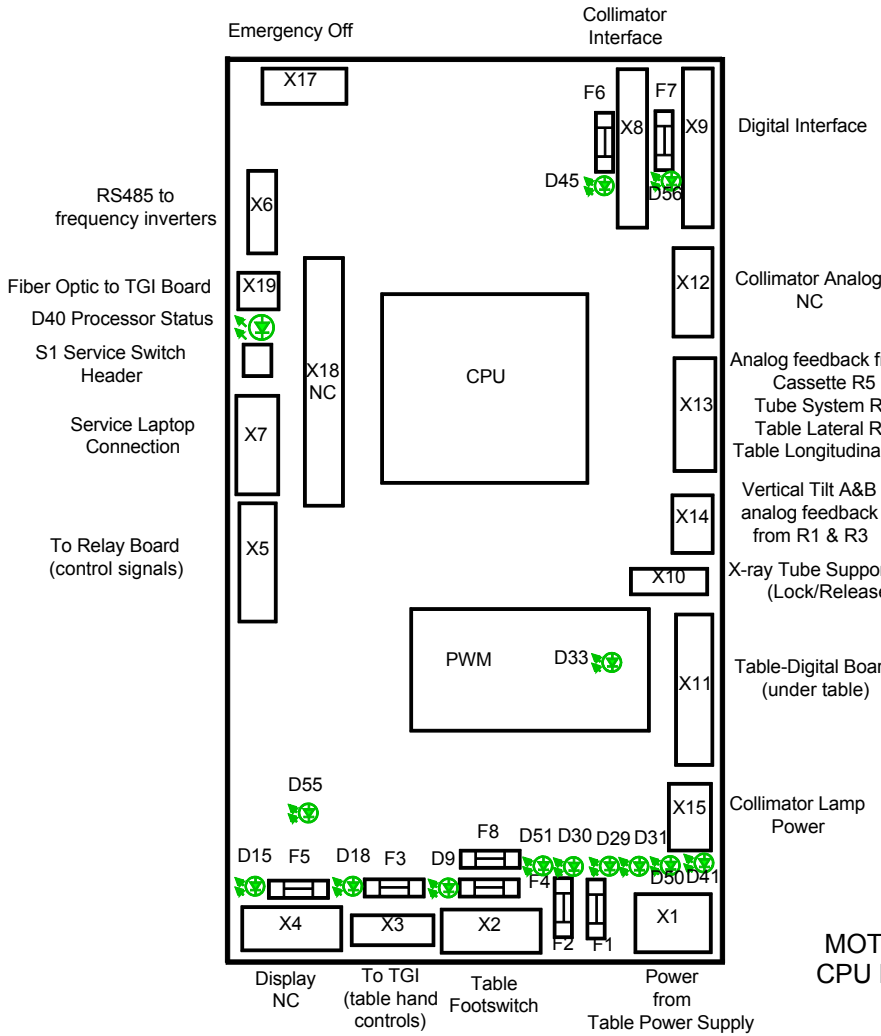
Interlocks, Security Lines & Fast Stop



Interlocks, Security Lines & Fast Stop



Interlocks, Security Lines & Fast Stop



D9 8VAC to footswitch
D15 8VAC to display (NC)
D18 8VAC to TGI(Table Generator Interface)
D29 VCC
D30 Output of bridge G3 (AVCC)
D31 +24V
D33 M6 Lateral
D40 Processor Status
D41 20VAC
D45 +24V
D50 +45V
D51 V+
D55 Tast_24V (from Emergency Off circuit)
D56 +24V

F1 (3.15AT) Input to bridge G1 & G2 (8VAC)
F2 (0.5AT) Input to bridge G3 (8VAC)
F3 8VAC(315mAT) to TGI
F4 8VAC(100mAT) to footswitch
F5 8VAC(315mAT) to display (NC)
F6 +24V(1AT)
F7 +24V(1AT)
F8 V+(100mAT)(referenced to V-) output of G2

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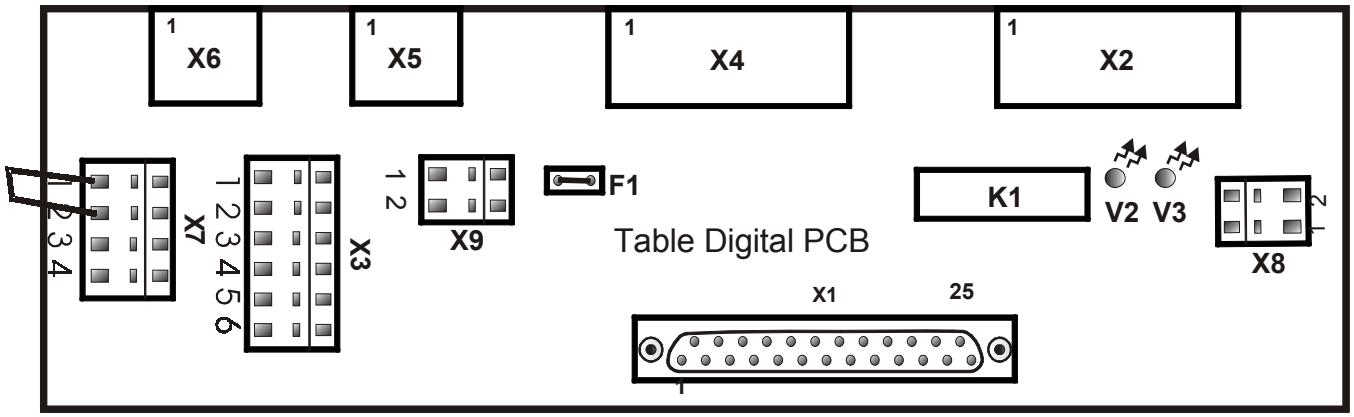
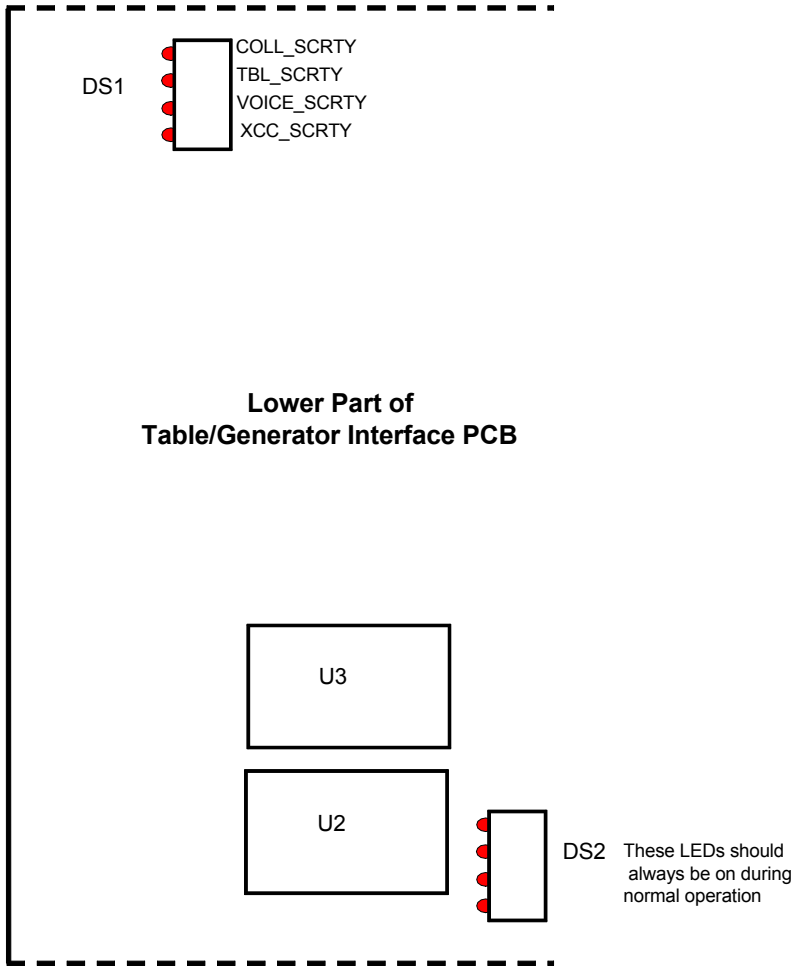
GE OEC Training	Page 4 of 6
FASTSTOP.DS4	09/02
Interlocks, Security Lines & Fast Stop	

Interlocks, Security Lines & Fast Stop



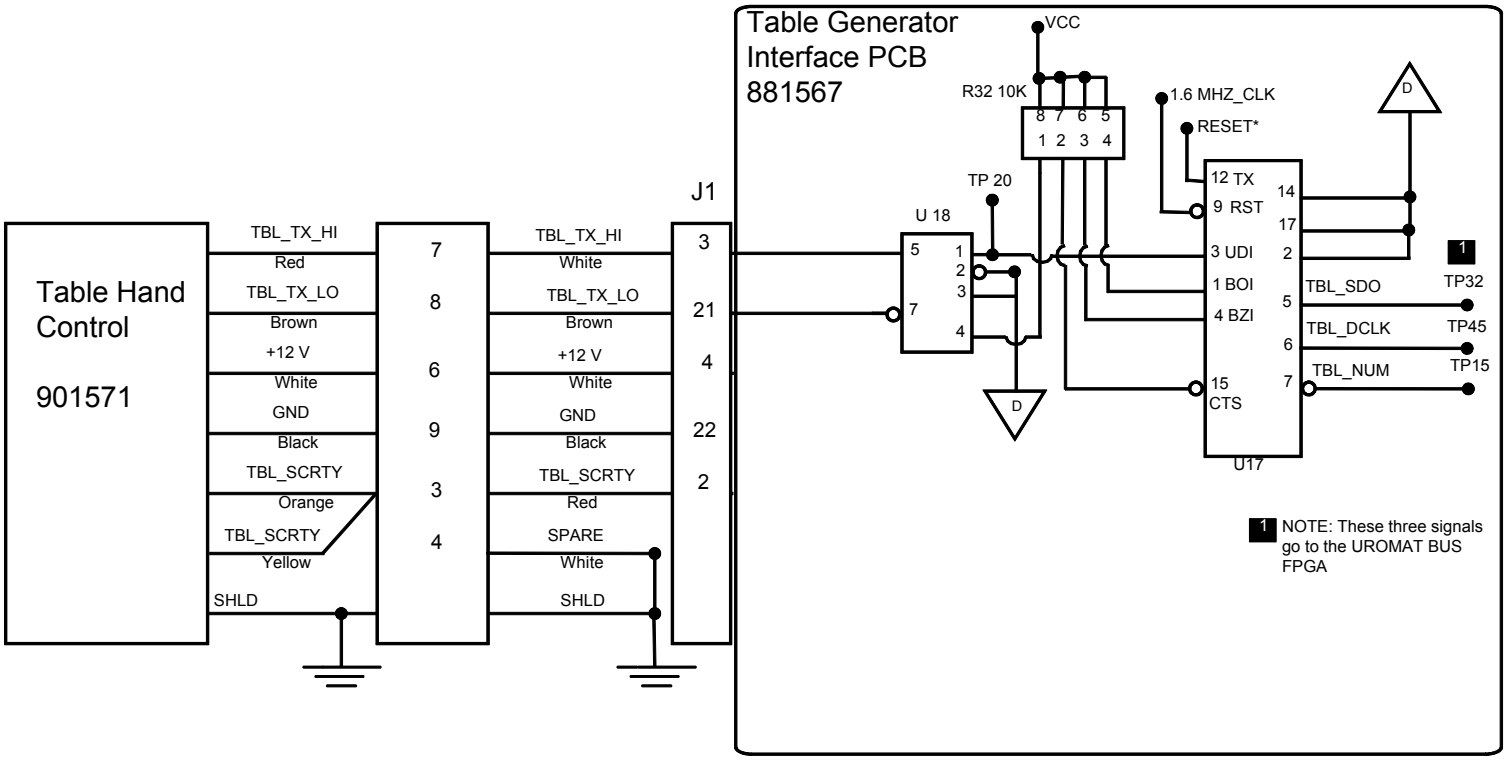
	2800	
	GE OEC Training	Page 5 of 6
	FASTSTOP.DS4	09/02
Interlocks, Security Lines & Fast Stop		

Interlocks, Security Lines & Fast Stop



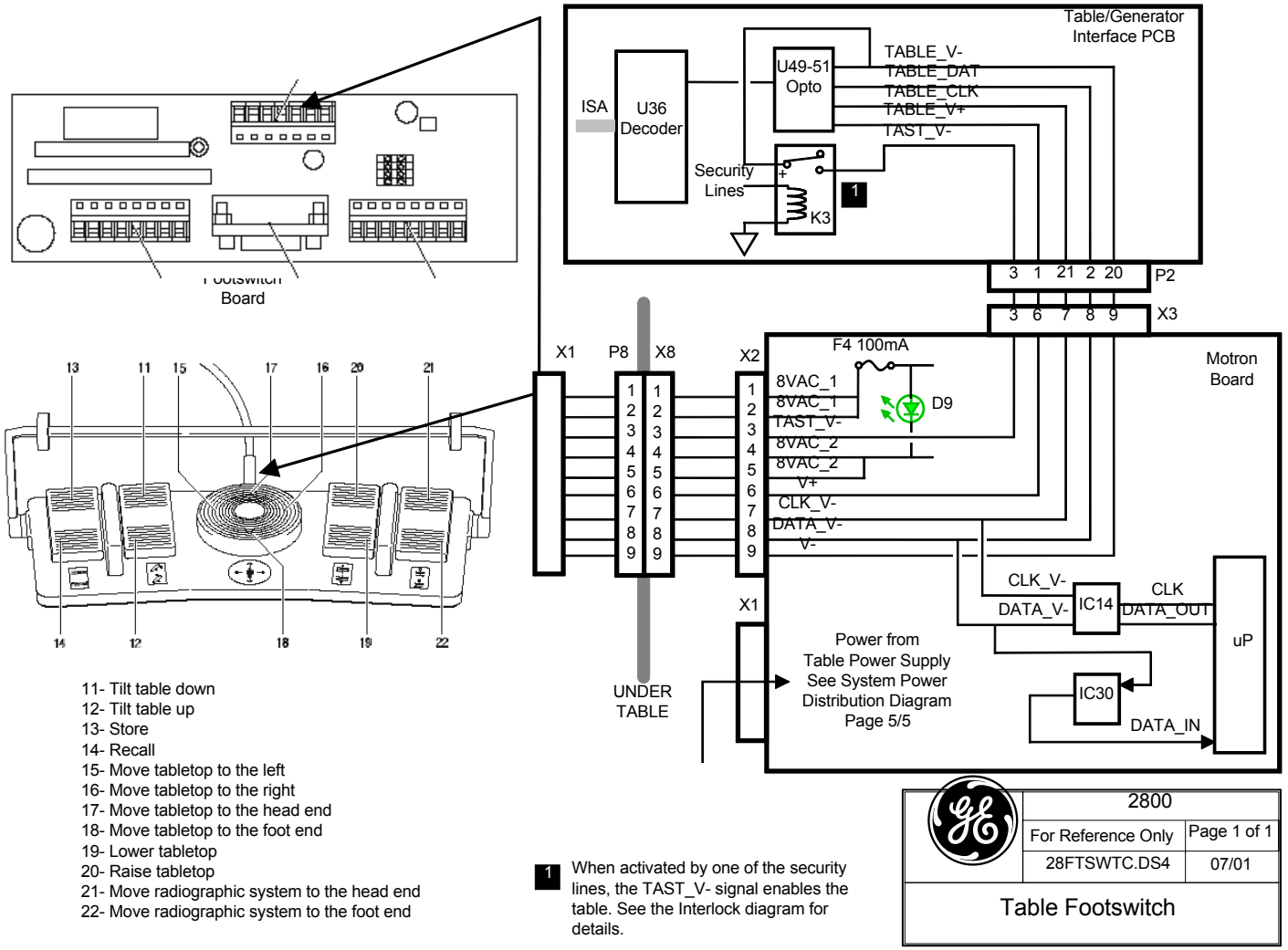
	2800	
	GE OEC Training	Page 6 of 6
	FASTSTOP.DS4	09/02
Interlocks, Security Lines & Fast Stop		

Interlocks, Security Lines & Fast Stop



	Uroview 2800	
	GE OEC Training	Page 1 of 1
	Hand Control	07/01
Table Hand Control		

Table Hand Control



11- Tilt table down
12- Tilt table up
13- Store
14- Recall
15- Move tabletop to the left
16- Move tabletop to the right
17- Move tabletop to the head end
18- Move tabletop to the foot end
19- Lower tabletop
20- Raise tabletop
21- Move radiographic system to the head end
22- Move radiographic system to the foot end

1 When activated by one of the security lines, the TAST_V- signal enables the table. See the Interlock diagram for details.

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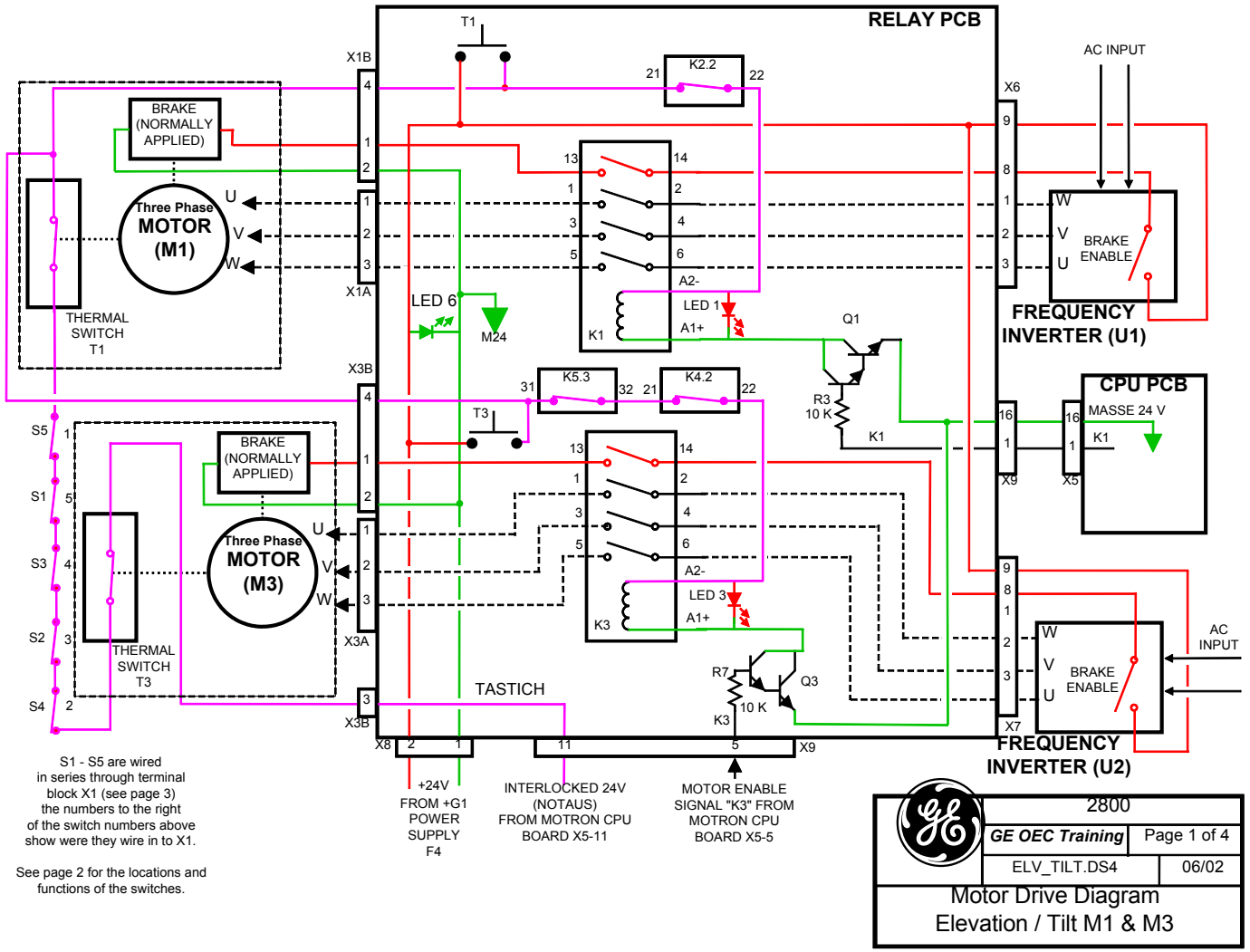
For Reference Only	Page 1 of 1
28FTSWTC.DS4	07/01
Table Footswitch	

Table Footswitch


RELAY PCB
T1
X1B
X1A
X3B
X3A
X8
X9
K2.2
K1
K5.3
K4.2
K3
LED 6
LED 1
LED 3
M24
T3
TASTICH
BRAKE (NORMALLY APPLIED)
Three Phase MOTOR (M1)
Three Phase MOTOR (M3)
THERMAL SWITCH T1
THERMAL SWITCH T3
S1
S2
S3
S4
S5
U
V
W
Q1
R3 10 K
R7 10 K
Q3
AC INPUT
X6
X7
BRAKE ENABLE
FREQUENCY INVERTER (U1)
FREQUENCY INVERTER (U2)
CPU PCB
MASSE 24 V
X5
X9
+24V FROM +G1 POWER SUPPLY F4
INTERLOCKED 24V (NOTAUS) FROM MOTRON CPU BOARD X5-11
MOTOR ENABLE SIGNAL "K3" FROM MOTRON CPU BOARD X5-5
S1 - S5 are wired in series through terminal block X1 (see page 3) the numbers to the right of the switch numbers above show were they wire in to X1.
See page 2 for the locations and functions of the switches.
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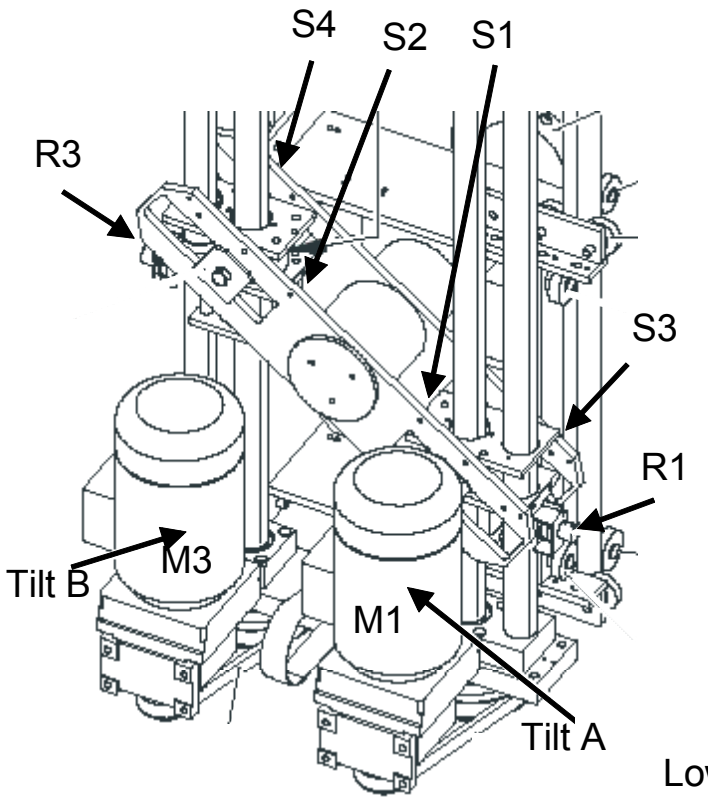
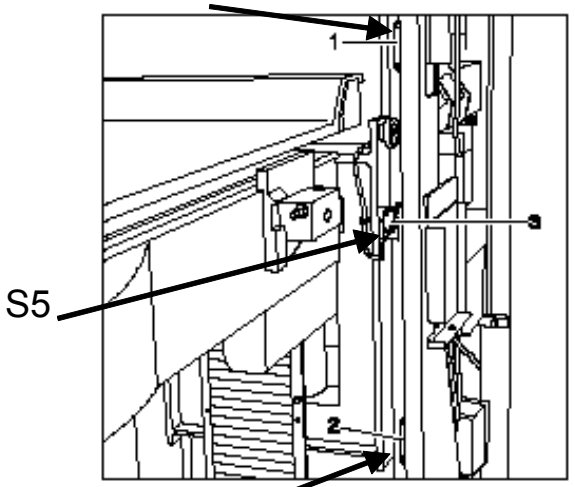
GE OEC Training
Page 1 of 4
ELV_TILT.DS4
06/02
Motor Drive Diagram
Elevation / Tilt M1 & M3



S1-M1 spindle nut safety switch
S2-M3 spindle nut safety switch
S3-M1 counterweight safety switch
S4-M3 counterweight safety switch
S5-Upper and lower elevation limit switch
R3 -Lift motor tilt B potentiometer
R1- Lift motor tilt A potentiometer

Upper Strike Plate



Lower Strike Plate

The view of S5 is from the front of the system on the right hand side with the front cover off. Without the cover off, you must look down from the top to see S5 and the upper strike plate.

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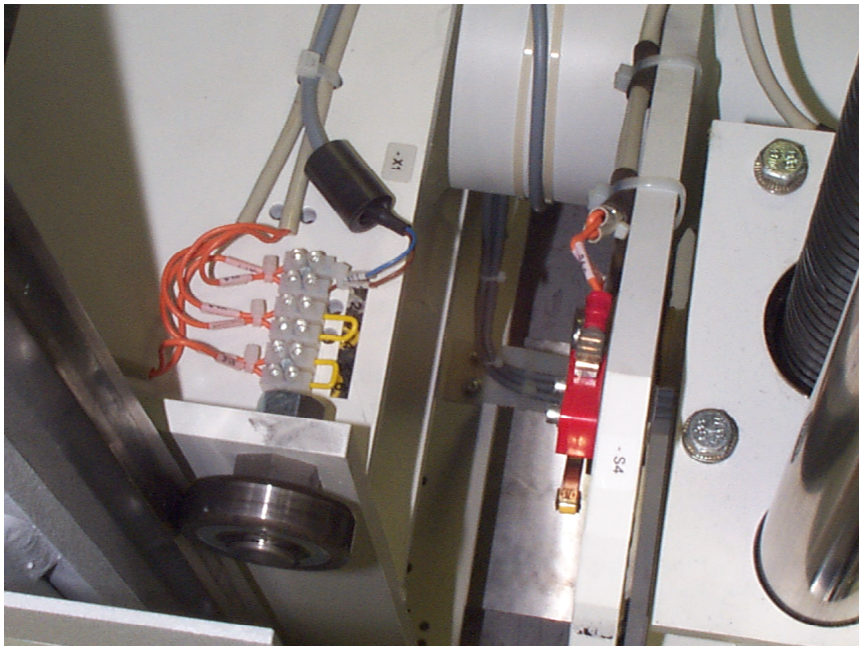
GE OEC Training	Page 2 of 4
ELV_TILT.DS4	06/02

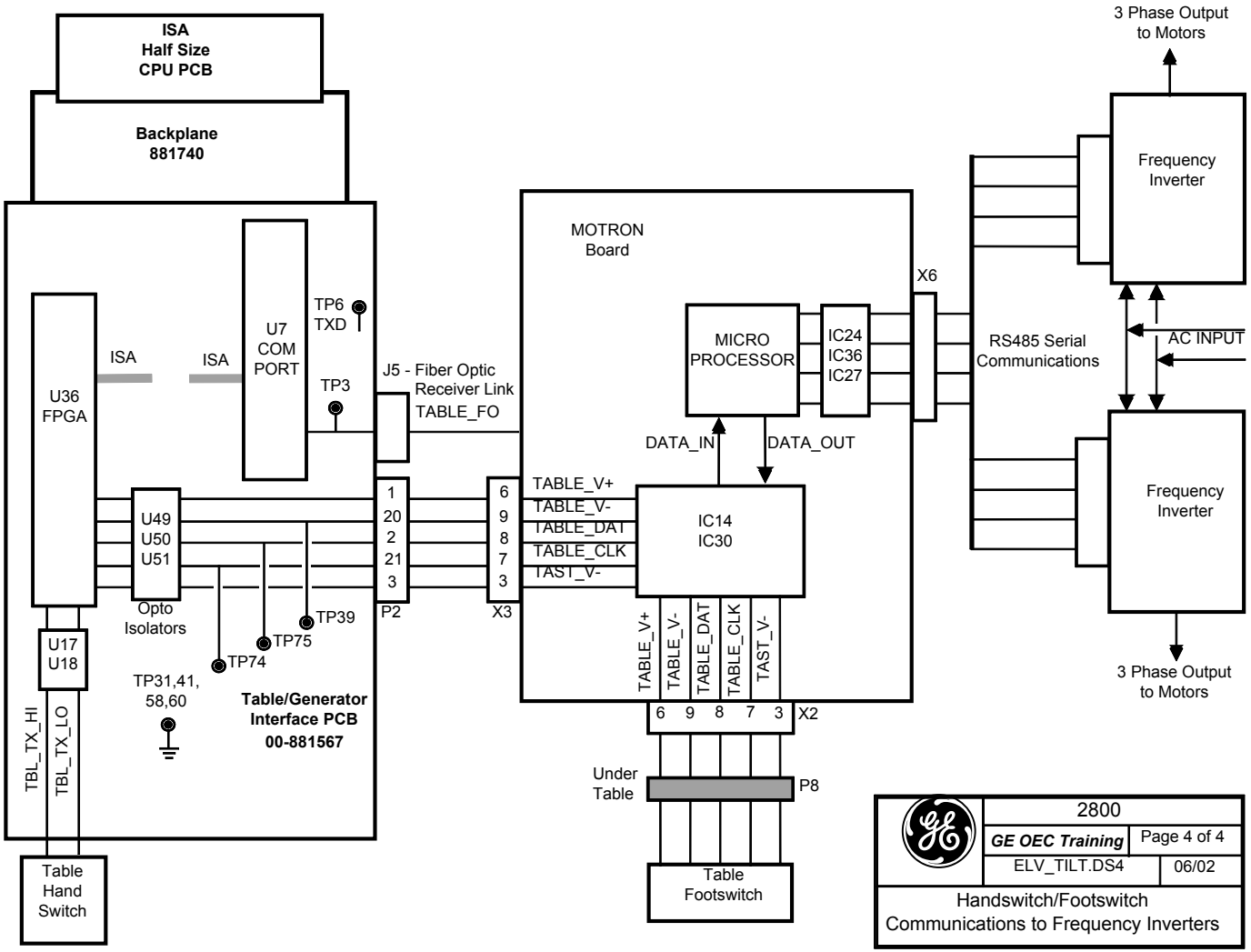
Elevation/Tilt Switch and Potentiometer Locations

Elevation/Tilt Switch and Potentiometer Locations

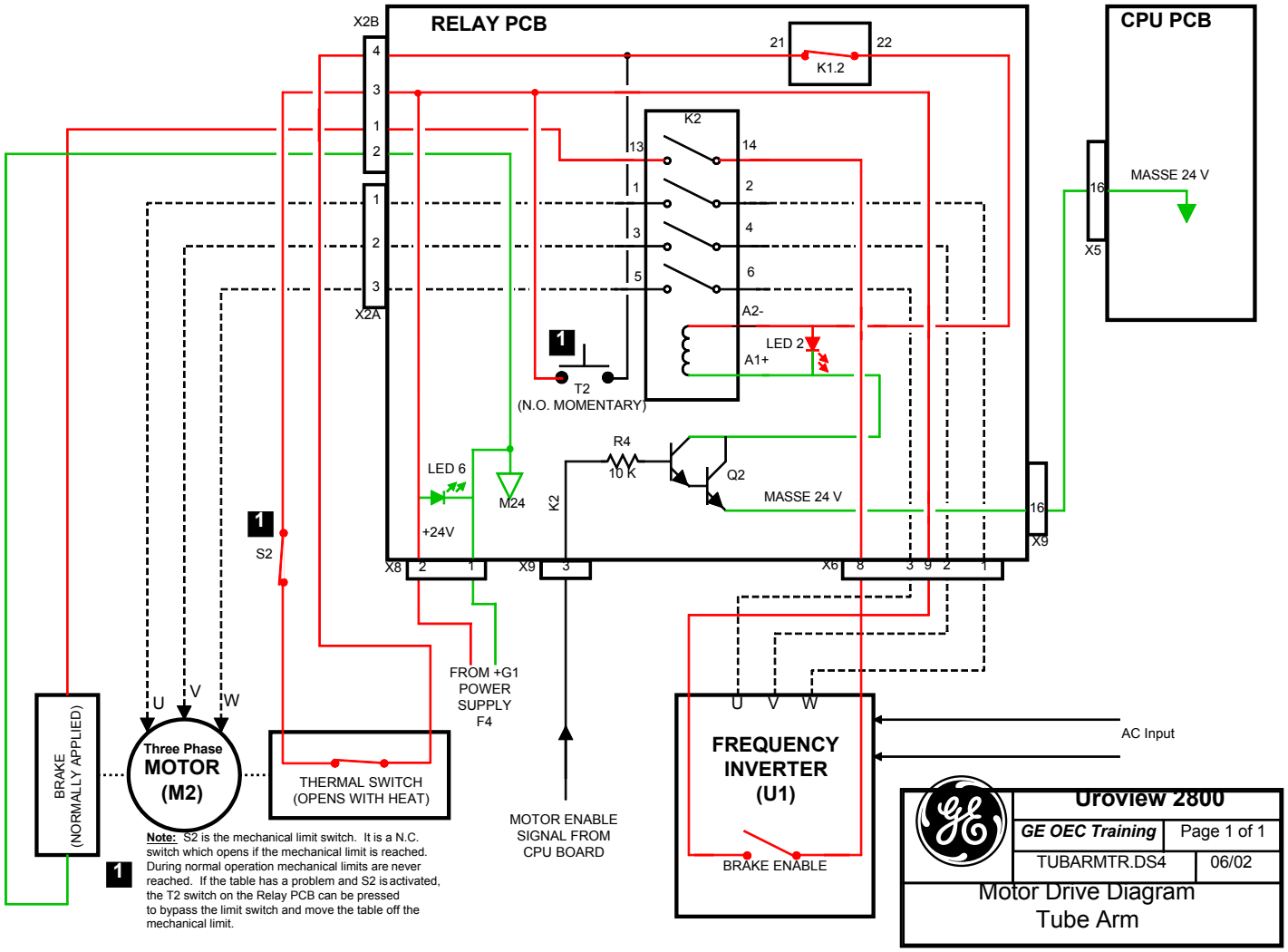


	2800	
	GE OEC Training	Page 3 of 4
	ELV_TILT.DS4	06/02
Location of X1 Terminal Block		

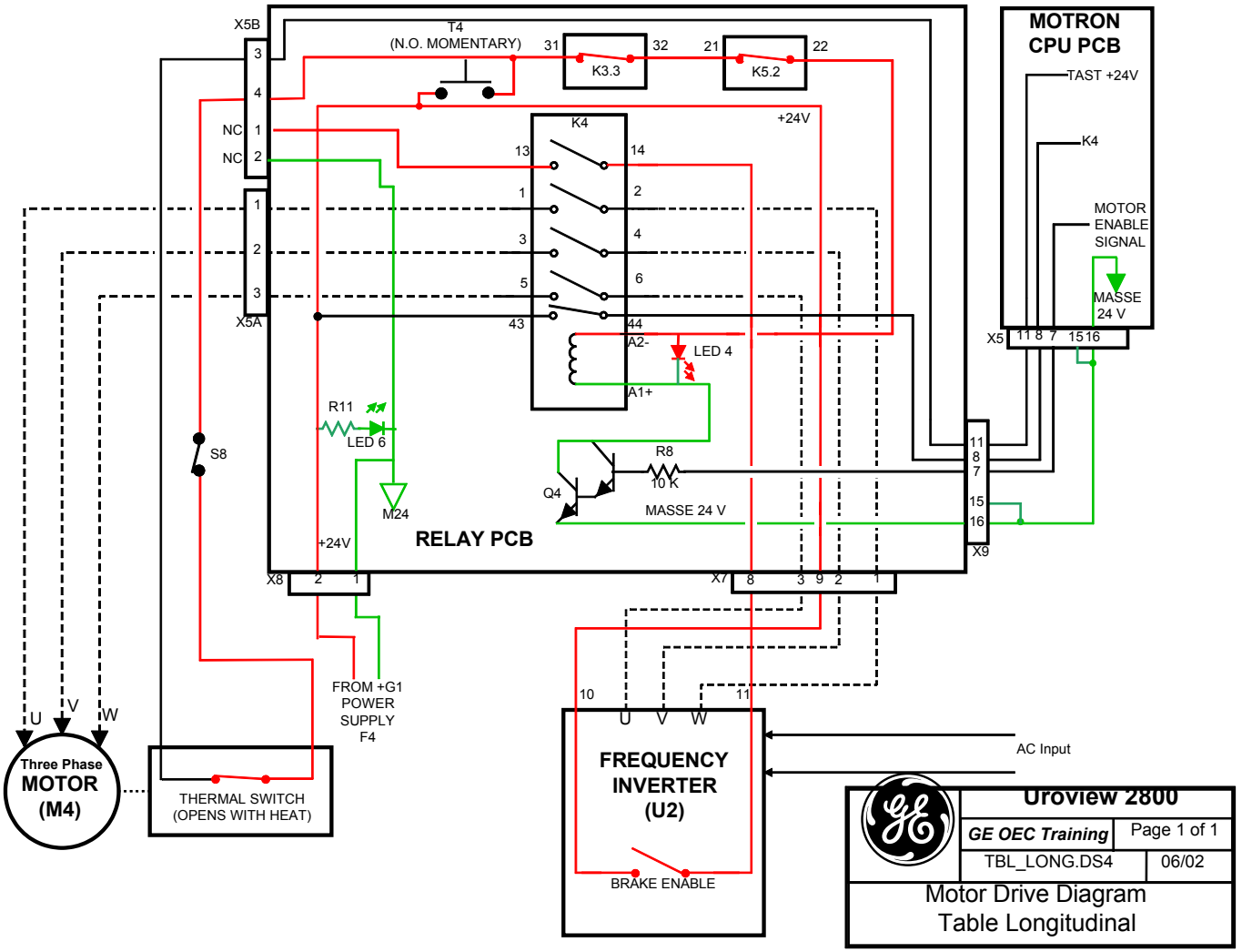
Location of X1 Terminal Block



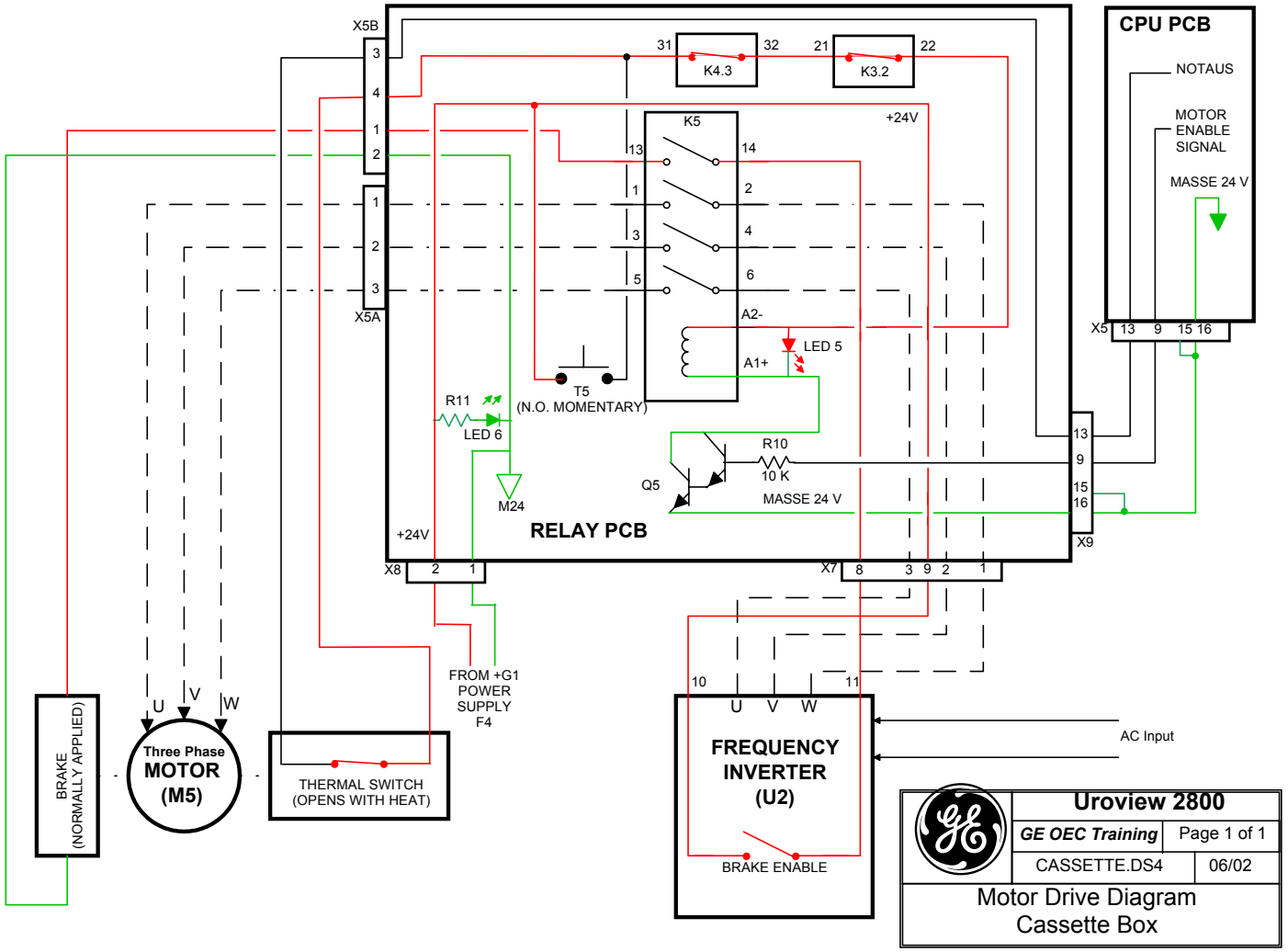
Handswitch/Footswitch Communications to Frequency Inverters



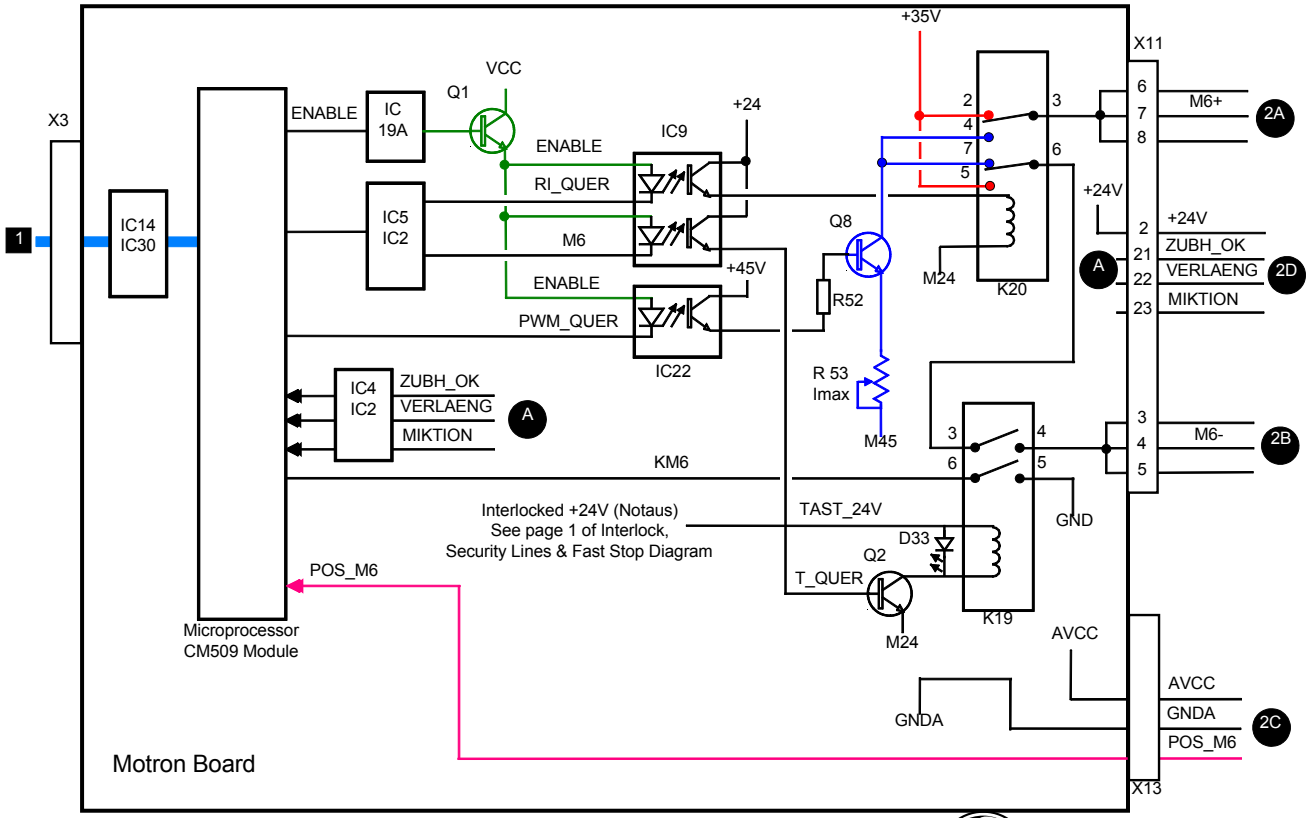
Motor Drive Diagram – Tube Arm



Motor Drive Diagram – Table Longitudinal



Motor Drive Diagram – Cassette Box



Relays shown de-energized

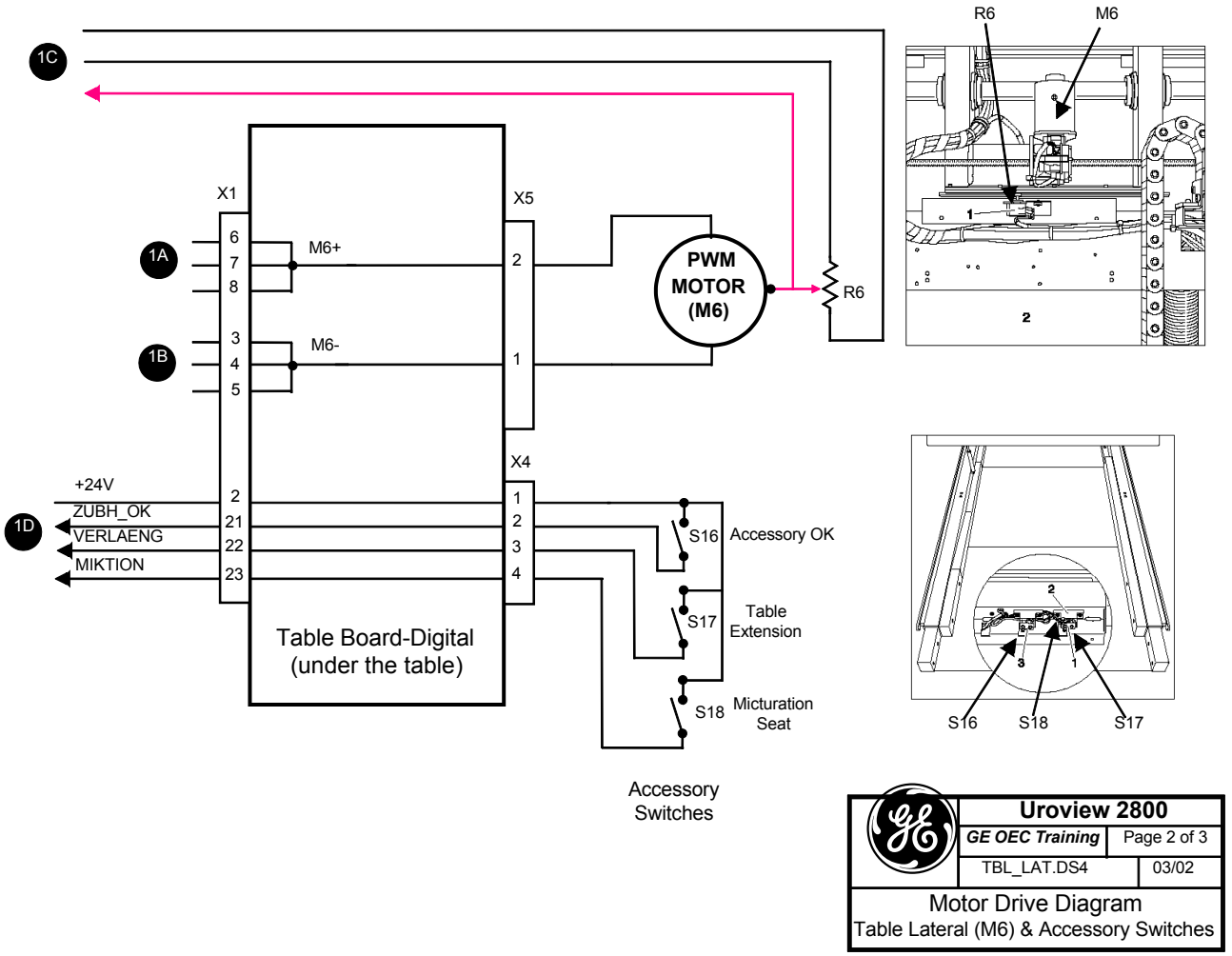
K19	K20	Movement
D	D	None
E	D	
E	E	

1 Serial communications from the Table Generator Interface PCB P2

Note: QUER=LATERAL

Uroview 2800	
GE OEC Training	Page 1 of3
TBL_LAT.DS4	03/02
Motor Drive Diagram Table Lateral (M6) & Accessory Switches	

Motor Drive Diagram – Table Lateral



Motor Drive Diagram – Table Lateral

Table Lateral Moving Slowly Towards the Tower

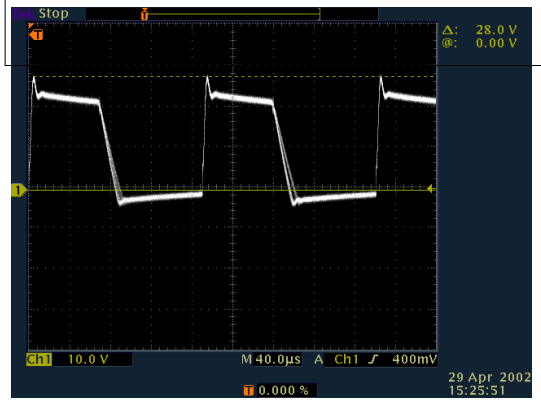


Table Lateral Moving Fast Towards the Tower

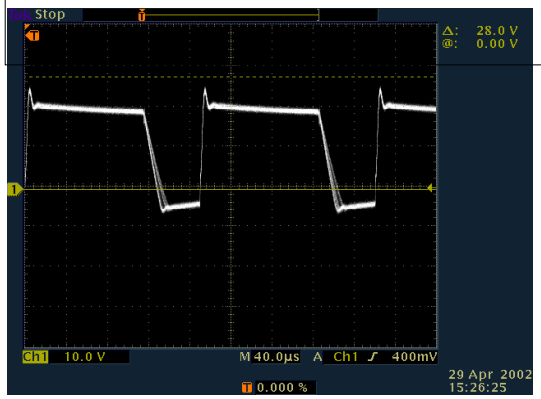


Table Lateral Moving Slowly Away From the Tower

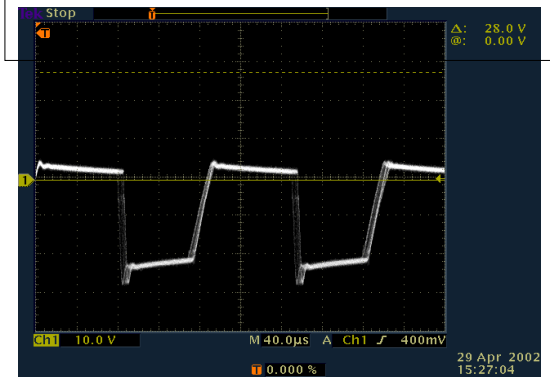
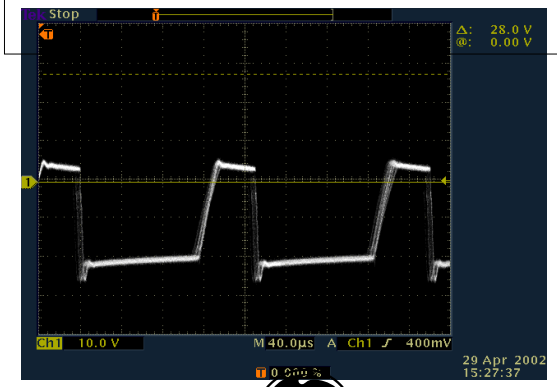


Table Lateral Moving Fast Away From the Tower



Note: All signals are referenced to Pin One of X-5 on the Table Digital Board

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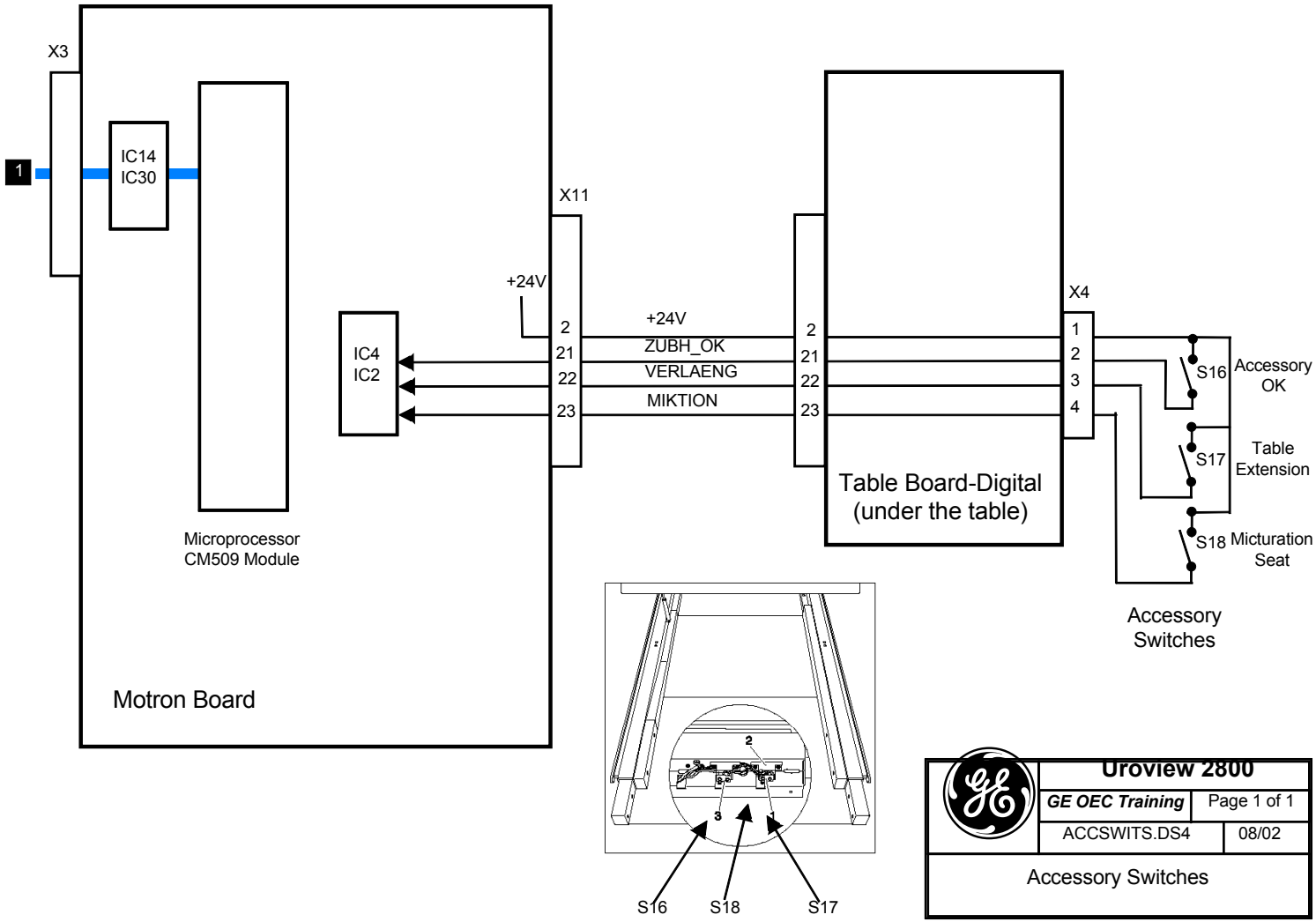
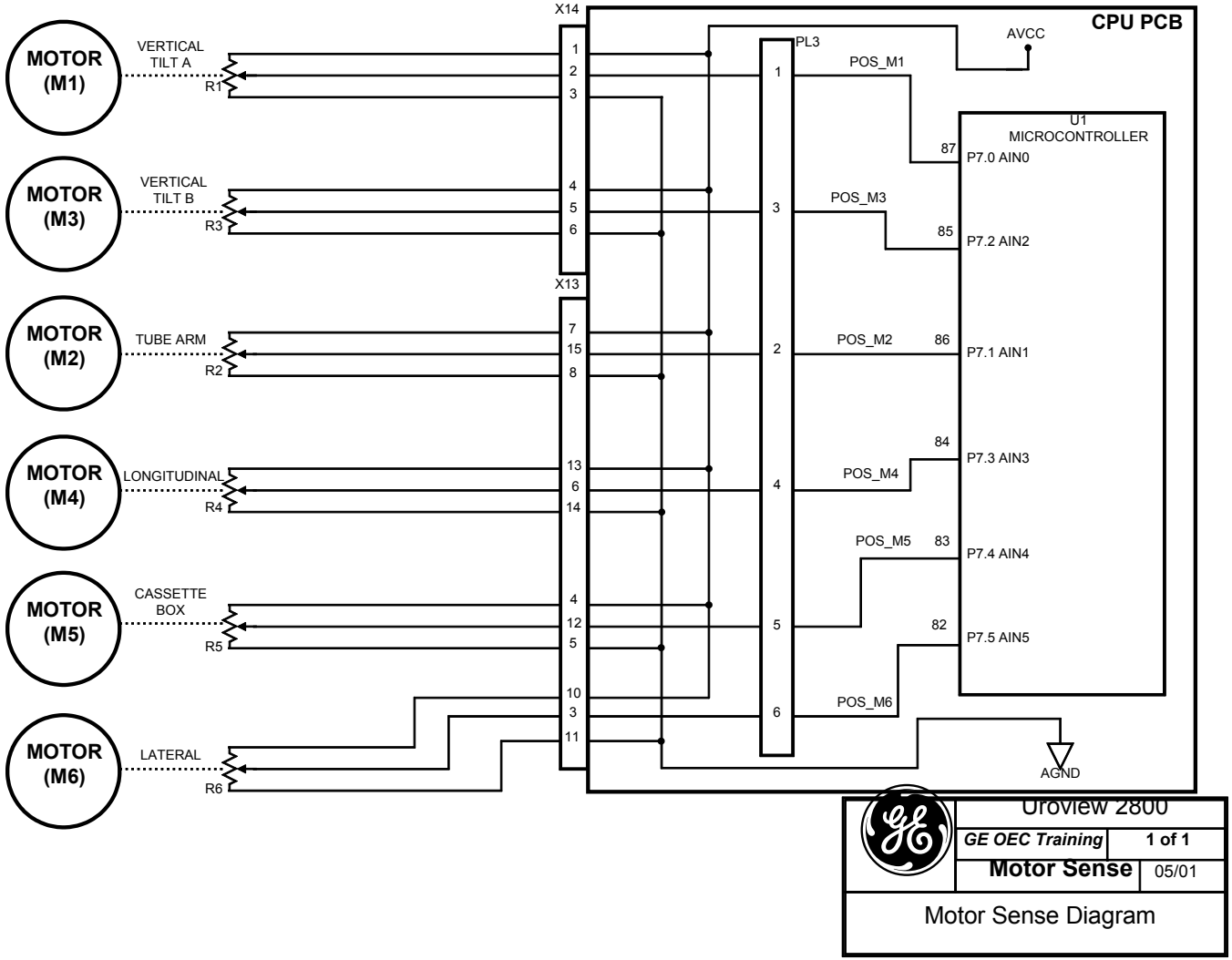
Motor Drive Diagram
Table Lateral (M6) & Accessory Switches

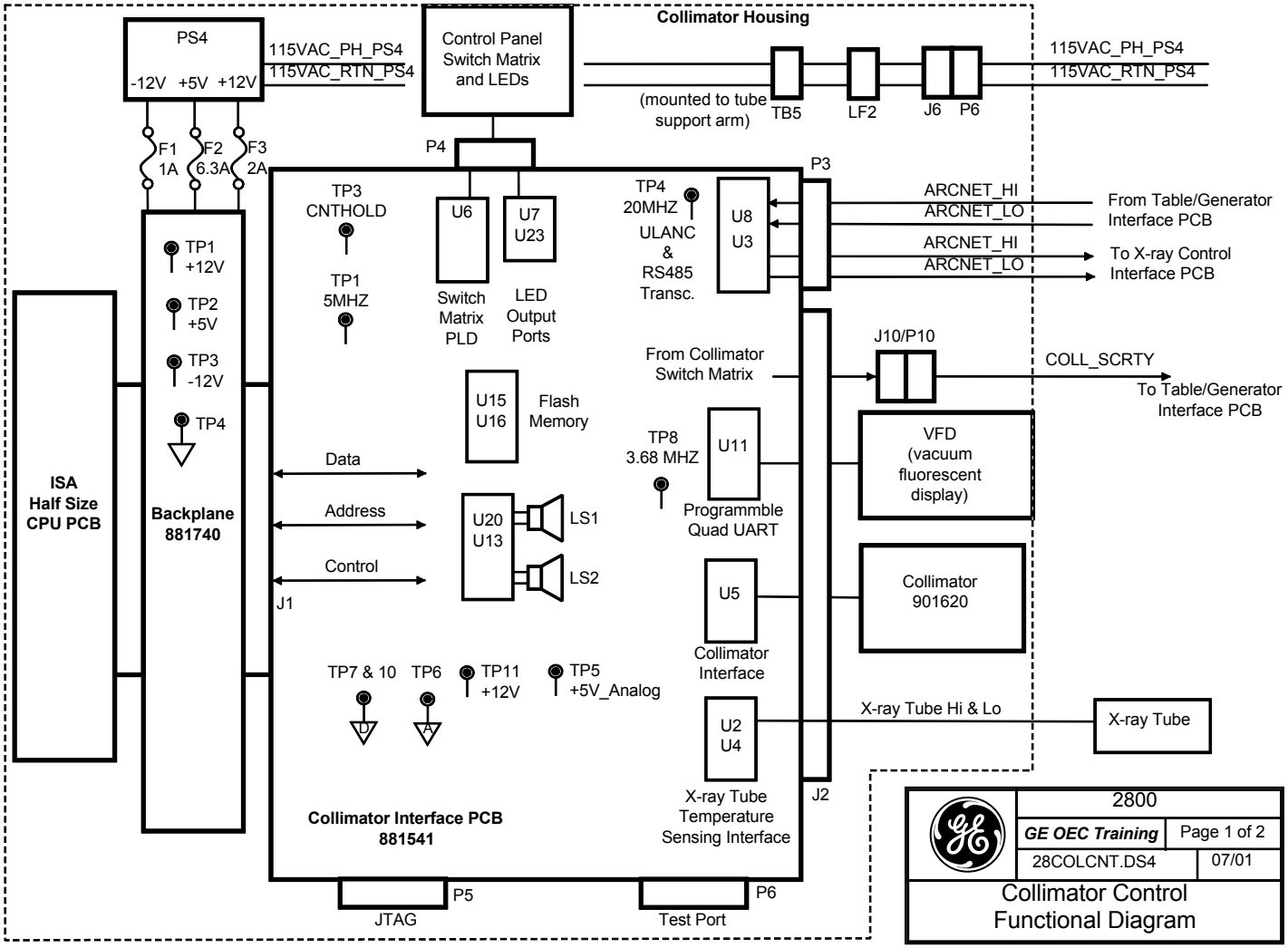
Motor Drive Diagram – Waveforms



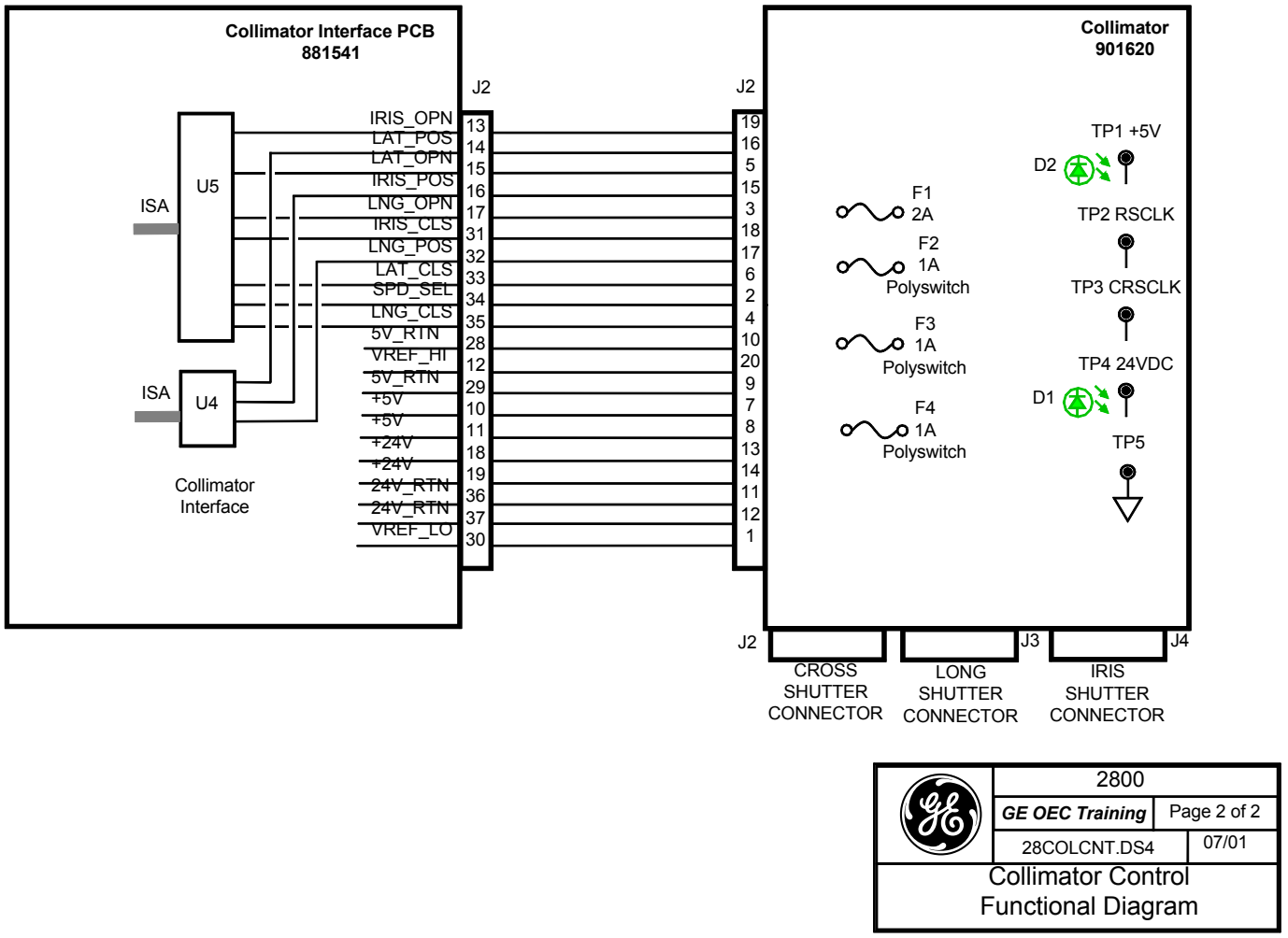
Accessory Switches



Motor Sense Diagram



Collimator Control – Functional Diagram



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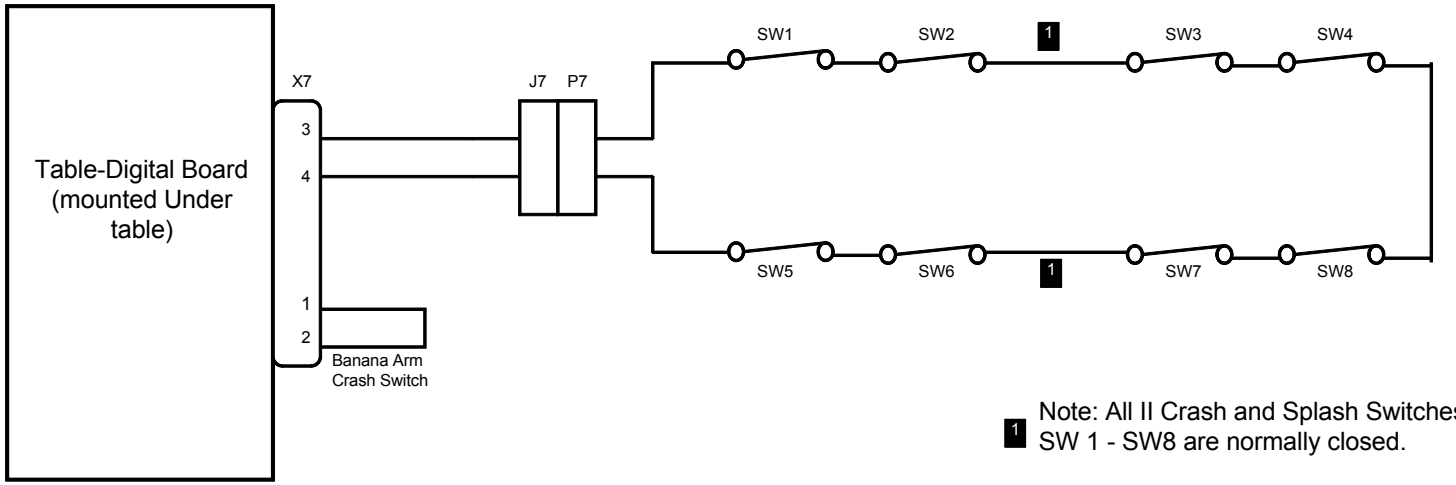
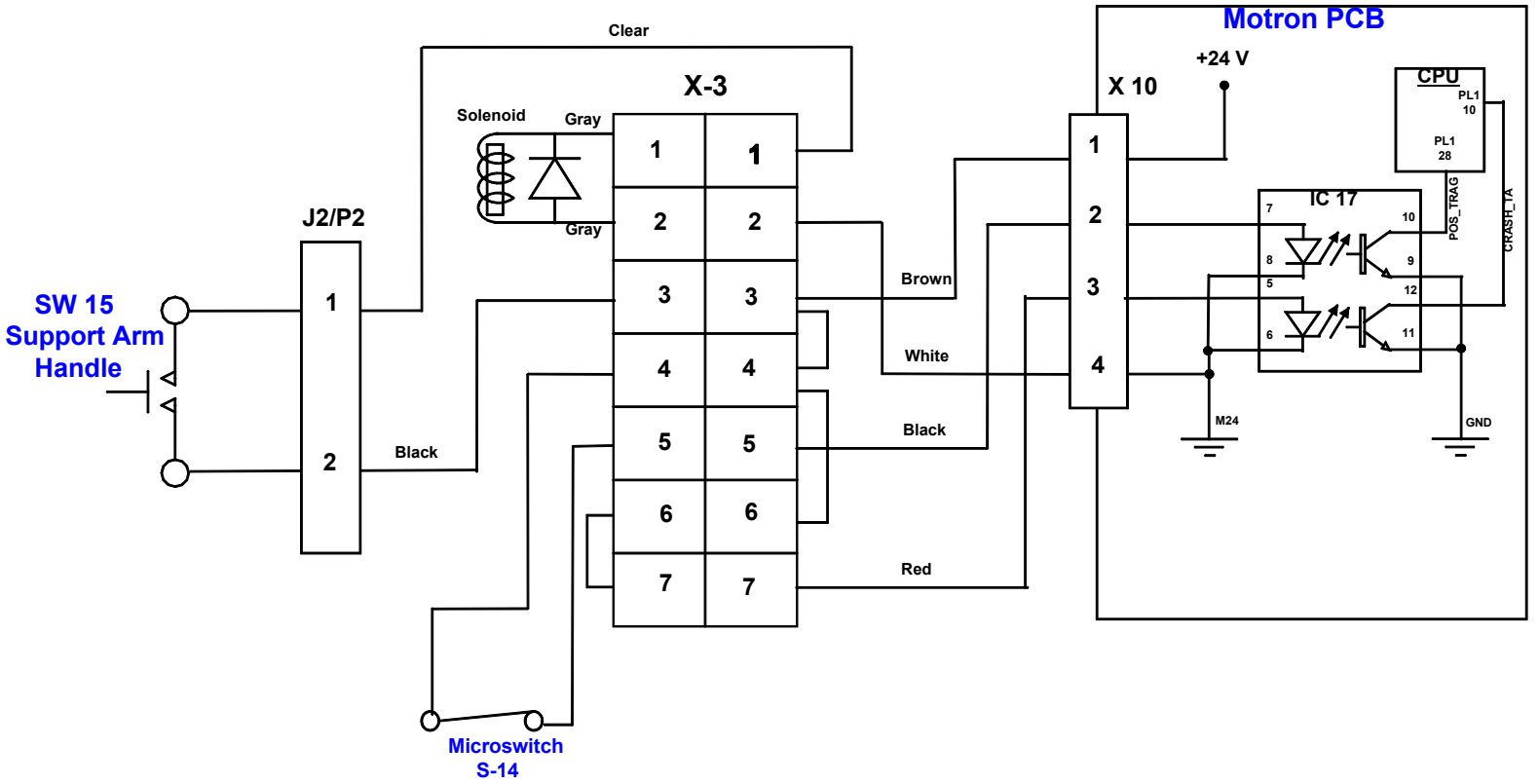
	GE OEC Training	Page 2 of 2
	28COLCNT.DS4	07/01
Collimator Control Functional Diagram		

Collimator Control – Functional Diagram



Uroview 2800	
GE OEC Training	Page 1
Splash.DS4	07/01
Splash and Crash	

Splash and Crash



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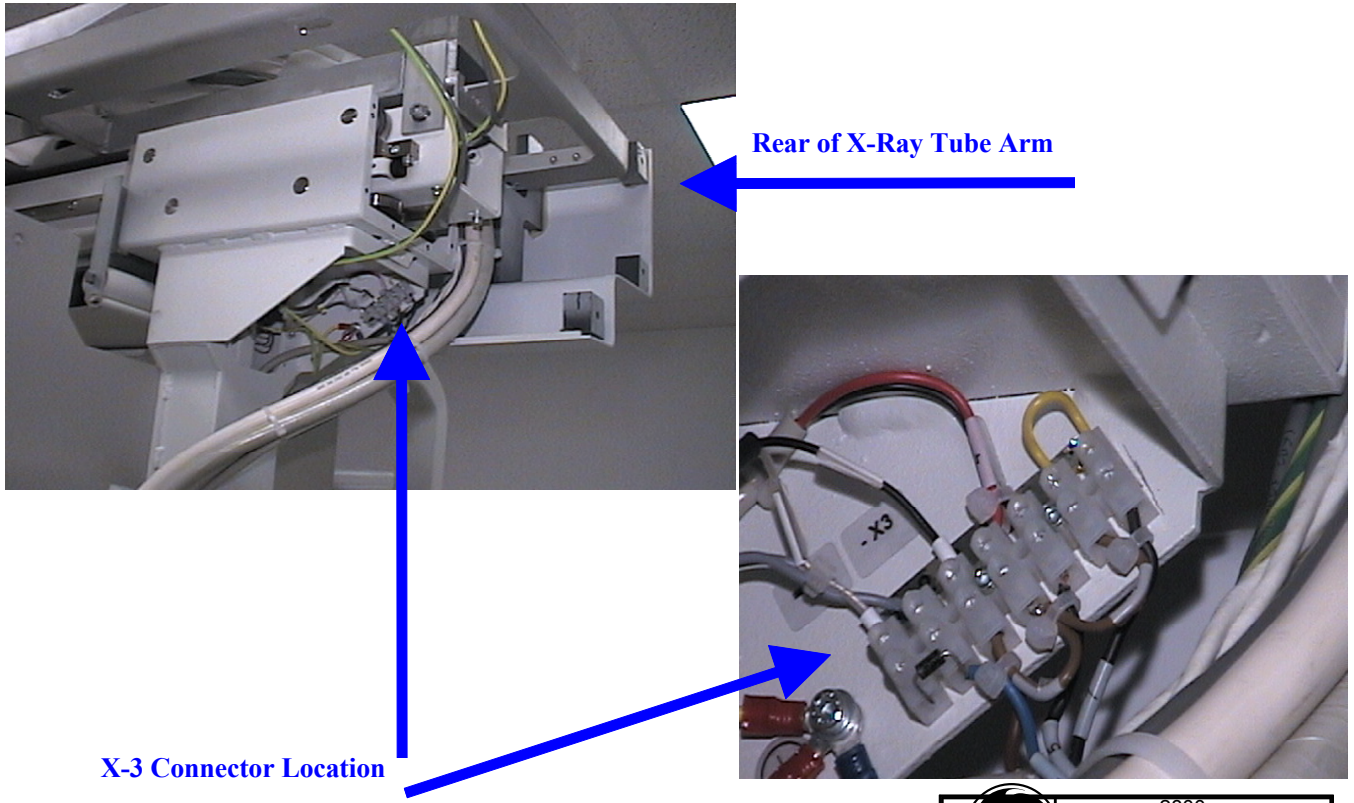
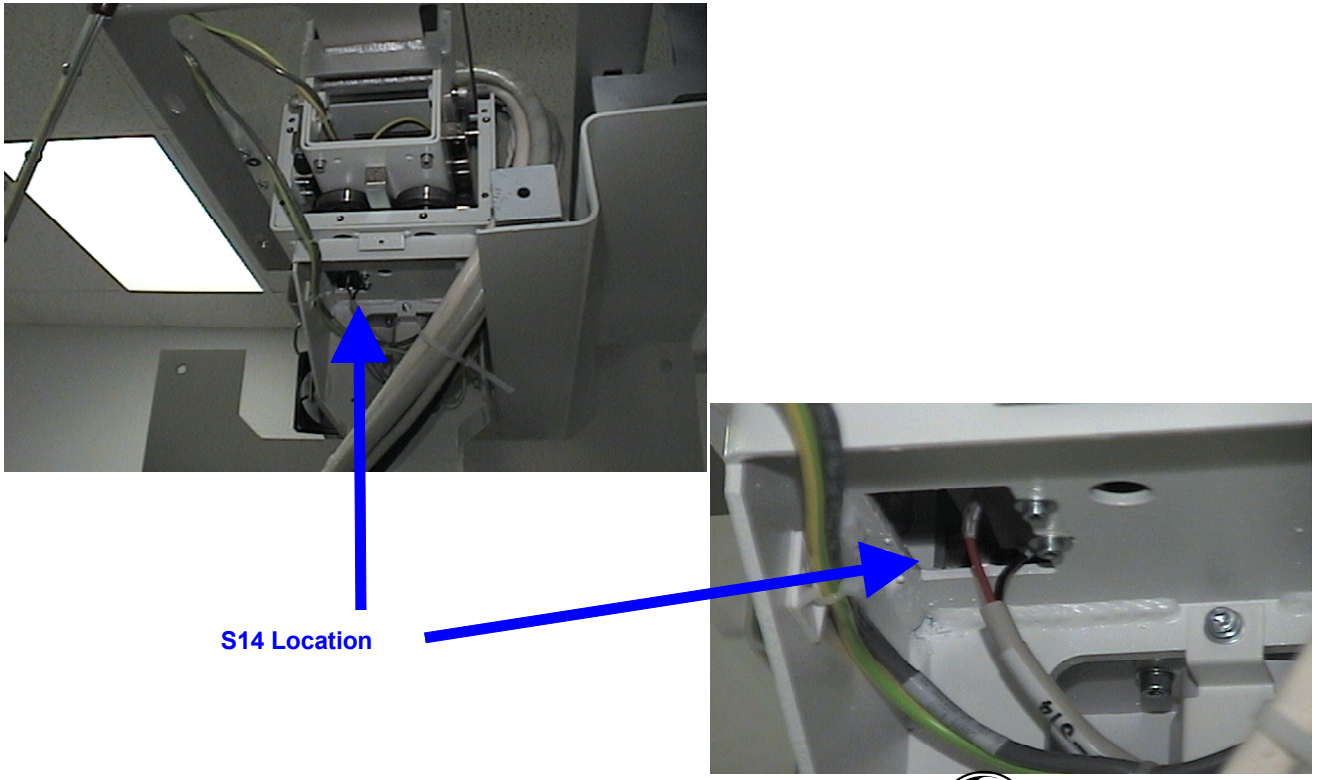
GE OEC Training	Page 1 of 3
GEN_LEDS.DS4	07/18/02
X-Ray Tube Arm Support	

X-ray Tube Arm Support



X-ray Tube Arm Support



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	GE OEC Training | Page 3 of 3
	GEN_LEDS.DS4 | 07/18/02
X-Ray Tube Arm Support	

X-ray Tube Arm Support